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<212> DNA
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 <212> DNA
 <213> Homo sapiens

<400> 31						
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

<400> 34						
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<210> 35
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 36
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 37
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 38
 <211> 897
 <212> DNA
 <213> Homo sapiens

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<210> 39
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 41
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 41						
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

<400> 43

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<210> 44
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 45	
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 <212> DNA
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<210> 47
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 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 48						
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 <211> 822
 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcacgg						546

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 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 51						
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 <212> DNA
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gcacgg						546

<210> 53
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcacgg 546

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 gcacgg 546

<210> 55
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 55
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 cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagggtccg gagtattggg 180
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 agaccaccaa gcacaagtgg gaggcggccc gtgtggcgga gcagttgaga gcctacctgg 480
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 gcacgg 546

<210> 56
 <211> 546
 <212> DNA
 <213> Homo sapiens

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acggggagac acggaagtgt aaggccact cacagactca ccgagtggac ctggggaccc 240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct 300
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gcacgg 546
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<210> 57
<211> 546
<212> DNA
<213> Homo sapiens
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agggcacgtg cgtggagtgt ctccgcagat acctggagaa cgggaaggag acgtgcagc 540
gcacgg 546
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<210> 58
<211> 546
<212> DNA
<213> Homo sapiens
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cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggtccg gagtattggg 180
acggggagac acggaagtgt aaggccact cacagactca ccgagtggac ctggggaccc 240
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<210> 59
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<211> 546
<212> DNA
<213> Homo sapiens

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gcacgg 546

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<211> 546
<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

<400> 63

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<211> 546

<212> DNA

<213> Homo sapiens

<400> 64

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<211> 546

<212> DNA

<213> Homo sapiens

<400> 65

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cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggagggtccg	gagtattggg	180

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gcacgg						546

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 <212> DNA
 <213> Homo sapiens

<400> 67						
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tcgcgggcta	ctacaaccag	agcgaggccg	gttctcacac	cgccagagg	atgtatggct	300
gcgacgtggg	gtcggactgg	cgcttctctc	gcgggtacca	ccagtacgcc	tacgacggca	360
aggattacat	cgccctgaaa	gaggacctgc	gctcttggac	cgcgccggac	atggcagctc	420
agaccaccaa	gcacaagtgg	gaggcgcccc	atgtggcgga	gcagcagaga	gcctacctgg	480

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agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 68
<211> 546
<212> DNA
<213> Homo sapiens

<400> 68
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cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagggcgcg gagtattggg 180
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gcacgg 546

<210> 69
<211> 895
<212> DNA
<213> Homo sapiens

<400> 69
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cgcggggagc cccgcttcat cgcagtgggc tacgtggacg acacgcagtt cgtgcggttc 180
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ccggagtatt gggaccagga gacacggaat gtgaaggccc agtcacagac tcaccgagtg 300
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tggcagcggg	atggggagga	ccagaccag	gacacggagc	tcgtggagac	caggcctgca	780
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<210> 70
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 70						
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tacacctgcc	atgtgcagca	tgagggtttg	cccaagcccc	tcacctgag	atgggag	897

<210> 71
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 71						
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agaccaccaa	gcacaagtgg	gaggcgcccc	atgtggcgga	gcagttgaga	gcctacctgg	480
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gcacgg						546

<210> 72
 <211> 822
 <212> DNA
 <213> Homo sapiens

<400> 72	gctctcactc	catgaggtat	ttcttcacat	ccgtgtcccg	gccccggcgc	gaggagcccc	60
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	cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggagggtccg	gagtattggg	180
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	agaccaccaa	gcacaagtgg	gaggcgcccc	atgtggcgga	gcagttgaga	gcctacctgg	480
	agggcacgtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgtgcagc	540
	gcacggacgc	ccccaaaacg	catatgactc	accacgtgt	ctctgacat	gaagccacc	600
	tgaggtgctg	ggccctgagc	ttctaccctg	cggagatcac	actgacctgg	cagcgggatg	660
	gggaggacca	gacccaggac	acggagctcg	tggagaccag	gcctgcaggg	gatggaacct	720
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	tgcagcatga	gggtttgcc	aagccctca	ccctgagatg	gg		822

<210> 73
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 73	gctctcactc	catgaggtat	ttcttcacat	ccgtgtcccg	gccccggcgc	ggggagcccc	60
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	cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggagggtccg	gagtattggg	180
	acggggagac	acggaaagtg	aaggccact	cacagactca	ccgagtggac	ctggggaccc	240
	tgcgcggtta	ctacaaccag	agcgaggccg	gttctcacac	cgtccagagg	atgtatggct	300
	gcgacgtggg	gtcggactgg	cgcttcctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
	aggattacat	cgccctgaaa	gaggacctgc	gctcttgac	cgcggcgac	atggcagctc	420

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gcacgg						546

<210> 74
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 74						
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<210> 75
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 75						
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aggattacat	cgccctgaac	gaggacctgc	gctcttggac	cgcggcggac	atggcggtc	420

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gcacgg						546

<210> 76
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 76	gctcccactc	catgaggtat	ttcttcacat	ccgtgtcccg	gccccggcgc	ggggagcccc	60
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	aggattacat	cgccctgaac	gaggacctgc	gctcttgac	cgcggcgac	atggcggtc	420
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	atggcacgtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
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<210> 77
 <211> 897
 <212> DNA
 <213> Homo sapiens

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	gacctgggga	ccctgcgcgg	ctactacaac	cagagcgagg	ccggttctca	caccatccag	360
	ataatgtatg	gctgcgacgt	ggggtcggac	gggcgcttcc	tccgcgggta	ccggcaggac	420
	gcctacgacg	gcaaggatta	catcgccctg	aacgaggacc	tcgctctttg	gaccgcggcg	480
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<210> 78
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 78						
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<210> 79
 <211> 858
 <212> DNA
 <213> Homo sapiens

<400> 79						
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<210> 80
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 80						
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<210> 81
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 81						
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gcacgg						546

<210> 82
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 82						
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gcacgg						546

<210> 83
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 83						
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gcacgg						546

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<210> 84
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 84
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 cgagccagag gatggagcgg ggggcgccgt ggatagagca ggaggggccc gagtattggg 180
 accaggagac acggaatgtg aaggcccgagt cacagactga ccgagtggac ctggggaccc 240
 tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagata atgtatggct 300
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 agatcaccaa gcgcaagtgg gaggcgccc atgtggcgga gcagcagaga gccctacctg 480
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<210> 85
 <211> 897
 <212> DNA
 <213> Homo sapiens

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 gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgtcttg gaccgggcg 480
 gacatggcag ctcatatc caagcgcaag tgggaggcgg cccatgcggc ggagcagcag 540
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<210> 86
 <211> 822
 <212> DNA
 <213> Homo sapiens

<400> 86
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<210> 87
 <211> 895
 <212> DNA
 <213> Homo sapiens

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<210> 88
 <211> 546
 <212> DNA
 <213> Homo sapiens

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	gcgacgtggg	gccggacggg	cgcttctccc	gcgggtaccg	gcaggacgcc	tacgacggca	360
	aggattacat	cgccctgaac	gaggacctgc	gctcttgga	cgcggcgga	atggcagctc	420
	agatcaccaa	gcgcaagtgg	gaggcgggcc	gtgaggcgga	gcagcagaga	gcctacctgg	480
	agggcggtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgtgcagc	540
	gcacgg						546

<210> 89
 <211> 897
 <212> DNA
 <213> Homo sapiens

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	gacctgggga	ccctgcgcgg	ctactacaac	cagagcgagg	acggttctca	caccatccag	360
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<210> 90
 <211> 897
 <212> DNA
 <213> Homo sapiens

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	gacctgggga	ccctgcgcgc	ctactacaac	cagagcgagg	acggttctca	caccatccag	360
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	ggggatggaa	ccttcagaa	gtgggcggct	gtggtgtgtc	cttctggaga	ggagcagaga	840
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<210> 91
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 <212> DNA
 <213> Homo sapiens

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	cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggagggggccg	gagtatggg	180
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gcacgg						546

<210> 92
 <211> 897
 <212> DNA
 <213> Homo sapiens

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	cgcggggagc	cccgttcat	cgccgtgggc	tacgtggacg	acacgcagtt	cgtgcggttc	180
	gacagcgacg	ccgcgagcca	gaggatggag	ccgcgggcgc	cgtggataga	gcaggagggg	240
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	agagcctacc	tggaggggcg	gtgcgtggag	tggtcccgca	gatacctgga	gaacgggaag	600
	gagacgctgc	agcgcacgga	ccccccaag	acacatatga	cccaccacc	catctctgac	660
	catgaggcca	ccctgagggt	ctgggcccctg	ggcttctacc	ctgcggagat	cacactgacc	720
	tggcagcggg	atggggagga	ccagaccag	gacacggagc	tcgtggagac	caggcctgca	780
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	tacacctgcc	atgtgcagca	tgagggtctg	cccaagcccc	tcacctgag	atgggag	897

<210> 93
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 <212> DNA
 <213> Homo sapiens

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gcacgg						546

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 95
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 95						
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<210> 97
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<212> DNA
<213> Homo sapiens

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<210> 98
<211> 546
<212> DNA

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<213> Homo sapiens

<400> 98

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<211> 573

<212> DNA

<213> Homo sapiens

<400> 99

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<211> 897

<212> DNA

<213> Homo sapiens

<400> 100

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tggcagcggg	atggggagga	ccagaccag	gacacggagc	ttgtggagac	caggcctgca	780
ggggatggaa	ccttcagaa	gtgggcagct	gtggtgttac	cttctggaga	ggagcagaga	840
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<210> 101
 <211> 546
 <212> DNA
 <213> Homo sapiens

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agatcaccca	gcgcaagtgt	gaggcgcccc	gtgtggcgga	gcagtggaga	gcctacctgg	480
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<210> 102
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 102						
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gcacgg						546

<210> 103
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 103						
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<210> 104
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 104						
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<210> 105
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 105
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<210> 106
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 106
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 <211> 897
 <212> DNA
 <213> Homo sapiens

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<210> 108
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 109
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 109						
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<210> 110
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <211> 897
 <212> DNA
 <213> Homo sapiens

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<210> 112
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 112

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 <211> 897
 <212> DNA
 <213> Homo sapiens

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<210> 114
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcacgg 546

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<210> 115
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 116
<211> 897
<212> DNA
<213> Homo sapiens

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cgcggggagc cccgttcac cgccgtgggc tacgtggacg acacgcagtt cgtgcggtc 180
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<210> 117
 <211> 897
 <212> DNA
 <213> Homo sapiens

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ccggagtatt	gggacgggga	gacacggaaa gtgaaggccc actcacagac tgaccgagag 300
aacctgcgga	tcgcgctccg	ctactacaac cagagcgagg ccggttctca cacctccag 360
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tggcagcggg	atggggagga	ccagaccag gacacggagc ttgtggagac caggcctgca 780
ggggatggaa	ccttcagaa	gtgggcagct gtggtggtac cttctggaga ggagcagaga 840
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<210> 118
 <211> 546
 <212> DNA

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<213> Homo sapiens

<400> 118

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cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggaggggccc	gagtatggg	180
acgaggagac	agggaaagt	aaggccact	cacagactga	ccgagagaac	ctgcggatcg	240
cgctccgcta	ctacaaccag	agcgaggccg	gttctcacac	cctccagatg	atgtttggct	300
gcgacgtggg	gtcggacggg	cgcttcctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
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agatcaccaa	gcgcaagtgt	gaggcgccc	atgtggcgga	gcagcagaga	gcctacctgg	480
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gcacgg						546

<210> 119

<211> 546

<212> DNA

<213> Homo sapiens

<400> 119

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cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggaggggccc	gagtatggg	180
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gcgacgtggg	gtcggacggg	cgcttcctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
aggattacat	cgccttgaaa	gaggacctgc	gctcttgac	cgcgccggac	atggcggtc	420
agatcaccaa	gcgcaagtgt	gaggcgccc	atgtggcgga	gcagttgaga	gcctacctgg	480
agggcacgtg	cgtggacggg	ctccgcagat	acctggagaa	cggaaggag	acgtgcagc	540
gcacgg						546

<210> 120

<211> 546

<212> DNA

<213> Homo sapiens

<400> 120

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cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggaggggccc	gagtatggg	180

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gcgacgtggg	gtcggactgg	cgcttctccc	gcgggtacca	ccagtacgcc	tacgacggca	360
aggattacat	cgccctgaaa	gaggacctgc	gctcttggac	cgcgcgggac	atggcggtc	420
agatcaccaa	gcgcaagtgg	gaggcgggcc	atgtggcgga	gcagcagaga	gcctacctgg	480
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gcacgg						546

<210> 121
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 121						
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agatcaccaa	gcgcaagtgg	gaggcgggcc	atgtggcgga	gcagcagaga	gcctacctgg	480
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gcacgg						546

<210> 122
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 122						
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gtttcatcgc	cgtagggctac	gtggacgaca	cgagttcgt	gcggttcgac	agcgacgccg	120
cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggagggccg	gagtattggg	180
acgaggagac	agggaaagt	aaggccact	cacagactga	ccgagagaa	ctgcgcatcg	240
cgctccgcta	ctacaaccag	agcgaggccg	gttctcacac	ctccagatg	atgtttggct	300
gcgacgtggg	gtcggacggg	cgcttctccc	gcgggtaccg	gcaggacgcc	tacgacggca	360
aggattacat	cgccctgaaa	gaggacctgc	gctcttggac	cgcgcgggac	atggcggtc	420
agatcaccaa	gcgcaagtgg	gaggcgggcc	atgtggcgga	gcagcagaga	gcctacctgg	480

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agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 123
<211> 546
<212> DNA
<213> Homo sapiens

<400> 123
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gttcatcgc cgtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg 120
cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
acgaggagac agggaaagt aaggccact cacagactga ccgagagaac ctgcggatcg 240
cgctccgcta ctacaaccag agcgaggcgg gttctcacac cctccagatg atgtttggct 300
gcgacgtggg gtcggacggg cgcttcctcc gcgggtacca ccagtacgcc tacgacggca 360
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agatcaccaa gcgcaagtgg gaggcgccc atgaggcgga gcagttgaga gcctacctgg 480
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gcacgg 546

<210> 124
<211> 546
<212> DNA
<213> Homo sapiens

<400> 124
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cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
acgaggagac agggaaagt aaggccagt cacagactga ccgagtggac ctggggaccc 240
tgcgcgcta ctacaaccag agcgaggacg gttctcacac cctccagatg atgtttggct 300
gcgacgtggg gtcggacggg cgcttcctcc gcgggtacca ccagtacgcc tacgacggca 360
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agatcaccaa gcgcaagtgg gaggcgccc atgtggcgga gcagcagaga gcctacctgg 480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 125
<211> 546
<212> DNA

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<213> Homo sapiens

<400> 125

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cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggaggggccg	gagtattggg	180
acgaggagac	agggaaagt	aaggccact	cacagactga	ccgagagaac	ctgcggatcg	240
cgctccgcta	ctacaaccag	agcgaggccg	gttctcacac	cctccagatg	atgtttggct	300
gcgacgtggg	gtcggacggg	cgcttcctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
aggattacat	cgccttgaaa	gaggacctgc	gctcttgagc	cgcgccggac	atggcggtc	420
agatcaccaa	gcgcaagtgt	gaggcgccc	atgtggcgga	gcagcagaga	gcctacctgg	480
agggcacgtg	cgtggacggg	ctccgcagat	acctggagaa	cggaaggag	acgtgcagc	540
gcacgg						546

<210> 126

<211> 546

<212> DNA

<213> Homo sapiens

<400> 126

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cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggaggggccg	gagtattggg	180
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cgctccgcta	ctacaaccag	agcgaggccg	gttctcacac	cctccagatg	atgtttggct	300
gcgacgtggg	gtcggacggg	cgcttcctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
aggattacat	cgccttgaa	gaggacctgc	gctcttgagc	cgcgccggac	atggcggtc	420
agatcaccaa	gcgcaagtgt	gaggcgccc	atgtggcgga	gcagcagaga	gcctacctgg	480
agggcacgtg	cgtggacggg	ctccgcagat	acctggagaa	cggaaggag	acgtgcagc	540
gcacgg						546

<210> 127

<211> 897

<212> DNA

<213> Homo sapiens

<400> 127

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cagacctggg	caggtccca	ctccatgagg	tatttctcca	catcgtgtc	ccggccggc	120
cgcggggagc	cccgtctcat	cgccgtgggc	tacgtggacg	acacgcagtt	cgtgcggttc	180

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gacagcgacg	ccgcgagcca	gaggatggag	ccgcgggccc	cgtaggagga	gcaggagggg	240
ccggagtatt	gggacgagga	gacagggaaa	gtgaaggccc	actcacagac	tgaccgagag	300
aacctcgga	tcgcgtccg	ctactacaac	cagagcgagg	ccggttctca	cacctccag	360
atgatgtttg	gctgcgacgt	ggggtcggac	gggcgtcttc	tccgcgggta	ccaccagtac	420
gcctacgacg	gcaaggatta	catcgccctg	aaagaggacc	tgcgtctttg	gaccgcggcg	480
gacatggcgg	ctcagatcac	caagcgcaag	tgggaggcgg	cccatgtggc	ggagcagtgg	540
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tacacctgcc	atgtgcagca	tgagggtctg	cccaagcccc	tcacctgag	atgggag	897

<210> 128
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 128						
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acgaggagac	agggaaagtg	aaggccact	cacagactga	ccgagagaac	ctgcggatcg	240
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gcgacgtggg	gtcggagcgg	cgcttctctc	gcgggtacca	ccagtacgcc	tacgacggca	360
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gcacgg						546

<210> 129
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 129						
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gcttcatcgc	cgtgggctac	tgggacgaca	cgcagttcgt	gcggttcgac	agcgacgccg	120
cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggaggggccc	gagtattggg	180

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accggaacac	acggaatgtg	aaggcccagt	cacagactga	ccgagagaac	ctgcgcatcg	240
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gcgacgtggg	gtcggacggg	cgcttcctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
aggattacat	cgccttgaaa	gaggacctgc	gctcttgagc	cgcggcgga	atggcggtc	420
agatcaccca	gcgcaagtgg	gaggcgccc	gtgtggcgga	gcagttgaga	gcctacctgg	480
agggcacgtg	cgtggacggg	ctccgcagat	acctggagaa	cgggaaggag	acgtgcagc	540
gcacgg						546

<210> 130
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 130						
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gcttcacgc	cgtgggctac	gtggacgaca	cgcagttcgt	gcggttcgac	agcgacgccg	120
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aggattacat	cgccttgaaa	gaggacctgc	gctcttgagc	cgcggcgga	atggcggtc	420
agatcaccaa	gcgcaagtgg	gaggcgccc	atgtggcgga	gcagcagaga	gcctacctgg	480
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gcacgg						546

<210> 131
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 131						
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cgccgtgggc	tacgtggacg	acacgcagtt	cgtgcggttc	gacagcgacg	ccgcgagcca	180
gaggatggag	ccgcgggcgc	cgtggataga	gcaggagggg	ccggagtatt	gggacgagga	240
gacagggaaa	gtgaagggcc	actcacagac	tgaccgagag	aacctgcgga	tcgcgtccg	300
ctactacaac	cagagcgagg	ccggtttctc	cacctccag	atgatgtttg	gctgcgacgt	360
ggggtcggac	gggcgtctcc	tcacgggta	ccaccagtac	gcctacgacg	gcaaggatta	420

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caagcgcaag	tgggaggcgg	cccatgtggc	ggagcagcag	agagcctacc	tggagggcac	540
gtgcgtggac	gggctccgca	gatacctgga	gaacgggaag	gagacgctgc	agcgcacgg	599

<210> 132
 <211> 619
 <212> DNA
 <213> Homo sapiens

<400> 132		
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gacagcgacg	ccgcgagcca	gaggatggag
ccggagtatt	gggacgagga	gacagggaaa
aacctgcgga	tcgcgtccg	ctactacaac
atgatgtttg	gctgcgacgt	ggggtcggac
gcctacgacg	gcaaggatta	catcgccctg
gacagggcgg	ctcagatcac	aaagcgcaag
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<210> 133
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 133		
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gcttcacgcg	cgtgggctac	gtggacgaca
cgagccagag	gatggaggcg	cgggcgccgt
acgaggagac	agggaaagtg	aaggcccaact
tcgcgggcta	ctacaaccag	agcagggccg
gcgacgtggg	gtcggacggg	cgcttcctcc
aggattacat	cgccctgaaa	gaggacctgc
agatcaccaa	gcgcaagtgg	gaggcgcccc
agggcacgtg	cgtggacggg	ctccgcagat
gcacgg		

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<211> 546
<212> DNA
<213> Homo sapiens

<400> 134
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gcgacgtggg gtcggacggg cgcttctcc gcgggtacca ccagtacgcc tacgacggca 360
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gcacgg 546

<210> 135
<211> 546
<212> DNA
<213> Homo sapiens

<400> 135
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cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
acgaggagac agggaagtgt aagggccact cacagactca ccgagagaac ctgcggatcg 240
cgctccgcta ctacaaccag agcgaggcgg gttctcacac cctccagatg atgtttggct 300
gcgacgtggg gtcggacggg cgcttctcc gcgggtacca ccagtacgcc tacgacggca 360
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agatcaccaa gcgaagtgg gaggcggccc atgtggcgga gcagcagaga gcctacctgg 480
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gcacgg 546

<210> 136
<211> 546
<212> DNA
<213> Homo sapiens

<400> 136
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cgagccagag gatggagccg cgggcgccgt ggatagagca ggaggggccg gaggattggg	180
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cgctccgcta ctacaaccag agcgaggccg gttctcacac cctccagatg atgtttggct	300
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agatcaccaa gcgcaagtgg gaggcgccc atgtggcgga gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 137
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 137	
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cgagccagag gatggagccg cgggcgccgt ggatagagca ggaggggccg gaggattggg	180
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gcgacgtggg gtcggacggg cgcttctcc gcgggtacca ccagtaccgcc tacgacggca	360
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 <212> DNA
 <213> Homo sapiens

<400> 138	
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cgagccagag gatggagccg cgggcgccgt ggatagagca ggaggggccg gaggattggg	180
acgaggagac agggaaagtg aaggccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gttctcacac cctccagatg atgtttggct	300
gcgacgtggg gtcggacggg cgcttctcc gcgggtacca ccagtaccgcc tacgacggca	360

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aggattacat cgccctgaaa gaggacctgc gctcttggac cgcggcggac atggcggtc	420
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agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacggcgcg ccccaaaacg catatgactc accacgtgt ctctgacct gaagccaccc	600
tgaggtgctg ggccttgagc ttctaccctg cggagatcac actgacctgg cagcgggatg	660
gggaggacca gacccaggac acggagctcg tggagaccag gcctgcaggg gatggaacct	720
tccagaagtg ggcggctgtg gtggtgcctt ctggacagga gcagagatac acctgccatg	780
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 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 139	
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cgagccagag gatggagccg cgggcgccgt ggatagagca ggaggggccg gagtattggg	180
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cgctccgcta ctacaaccag agcggaggccg gttctcacac cctccagatg atgtttggct	300
gcgacgtggg gtcggacggg cgcttctcc gcgggtacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctcttggac cgcggcggac atggcggtc	420
agatcaccaa gcgcaagtgg gaggcgcccc atgtggcgga gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

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 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 140	
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cgagccagag gatggagccg tgggcgccgt ggatagagca ggaggggccg gagtattggg	180
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cgctccgcta ctacaaccag agcggaggccg gttctcacac cctccagatg atgtttggct	300
gcgacgtggg gtcggacggg cgcttctcc gcgggtacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctcttggac cgcggcggac atggcggtc	420

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agatcaccaa	gcgcaagtgg	gaggcgggccc	atgtggcgga	gcagcagaga	gcctacctgg	480
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gcacgg						546

<210> 141
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 141	gctcccactc	catgaggtat	ttctccacat	ccgtgtcccg	gccccggcgc	ggggagcccc	60
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	cgagccagag	gatggagctg	cgggcgccgt	ggatagagca	ggaggggccc	gagtattggg	180
	acgaggagac	agggaaagt	aaggccact	cacagactga	ccgagagaac	ctgcggatcg	240
	cgctccgcta	ctacaaccag	agcgaggccg	gttctcacac	cctccagatg	atgtttggct	300
	gcgacgtggg	gtcggacggg	cgcttcctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
	aggattacat	cgccctgaaa	gaggacctgc	gctcttgac	cgcgccggac	atggcggtc	420
	agatcaccaa	gcgcaagtgg	gaggcgggccc	atgtggcgga	gcagcagaga	gcctacctgg	480
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	gcacgg						546

<210> 142
 <211> 546
 <212> DNA
 <213> Homo sapiens

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	cgagccagag	gatggagctg	cgggcgccgt	ggatagagca	ggaggggccc	gagtattggg	180
	acgaggagac	agggaaagt	aaggccact	cacagactga	ccgagagaac	ctgcggatcg	240
	cgctccgcta	ctacaaccag	agcgaggccg	gttctcacac	cctccagatg	atgtttggct	300
	gcgacgtggg	gtcggacggg	cgcttcctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
	aggattacat	cgccctgaaa	gaggacctgc	gctcttgac	cgcgccggac	atggcggtc	420
	agatcaccaa	gcgcaagtgg	gaggcgggccc	atgtggcgga	gcagcagaga	gcctacctgg	480
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	gcacgg						546

<210> 143

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<211> 898
<212> DNA
<213> Homo sapiens

<400> 143
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cgcggggagc cccgcttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttc 180
gacagcgacg ccgcgagcca gaggatggag ccgcggggcg cgtggataga gcaggagggg 240
ccggagtatt gggaccgga cacacggaat gtgaagggcc actcacagac tgaccgagag 300
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<210> 144
<211> 897
<212> DNA
<213> Homo sapiens

<400> 144
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cgcggggagc cccgcttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttc 180
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ccggagtatt gggaccgga cacacggaat gtgaagggcc agtcacagac tgaccgagag 300
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gcttacgacg gcaaggatta catcgccctg aacgaggacc tgcgtctttg gaccgcggcg 480
gacatggcgg ctacagatcac ccagcgcaag tgggagacgg cccatgaggc ggagcagtgg 540
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catgaggcca	ccctgaggtg	ctgggcccctg	agcttctacc	ctgcggagat	cacactgacc	720
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ggggatggga	ccttcagaa	gtgggcgtct	gtggtggtgc	cttctggaca	ggagcagaga	840
tacacctgcc	atgtgcagca	tgagggtctg	cccaagcccc	tcacctgag	atggggag	897

<210> 145
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 145						
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gcgacgtggg	gccggacggg	cgcttcctcc	gcgggtacca	gcaggacgct	tacgacggca	360
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agggccggtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgtgcagc	540
gcacgg						546

<210> 146
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 146						
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cgctccgcta	ctacaaccag	agcgaggacg	gttctcacac	catccagagg	atgtatggct	300
gcgacgtggg	gccggacggg	cgcttcctcc	gcgggtacca	gcaggacgct	tacgacggca	360
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gcacgg						546

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<210> 147
 <211> 897
 <212> DNA
 <213> Homo sapiens

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 cgcggggagc cccgcttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttc 180
 gacagcgacg ccgcgagcca gaggatggag ccgcggggcg cgtggataga gcaggagggg 240
 ccggagtatt gggaccggaa cacacggaat gtgaagggcc actcacagac tgaccgagcg 300
 aacctgggga ccttgcgcgg ctactacaac cagagcgagg acggttctca caccatccag 360
 aggatgtatg gctgcgacgt ggggcccggc gggcgcttcc tccgcgggta ccagcaggac 420
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 ggggatggga ccttcagaa gtgggcgtct gtgtgtgtgc cttctggaca ggagcagaga 840
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<210> 148
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 148
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 cgcggggagc cccgcttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttc 180
 gacagcgacg ccgcgagcca gaggatggag ccgcggggcg cgtggataga gcaggagggg 240
 ccggagtatt gggaccggaa cacacggaat gtgaagggcc actcacagac tgaccgagcg 300
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 gcttacgacg gcaaggatta catcgccctg aacgaggacc tgcgtctctt gaccgcggcg 480
 gacatggcgg ctcagatcac ccagcgcaag tgggagacgg cccatgaggc ggagcagtg 540
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tggcagcggg	atggggagga	ccagaccag	gacacggagc	tcgtggagac	caggcctgca	780
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tacacctgcc	atgtgcagca	tgagggtctg	cccaagcccc	tcacctgag	atgggag	897

<210> 149
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 149	atggccgtca	tggcgccccg	aaccctcgtc	ctgctactct	cgggggccct	ggccctgacc	60
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	gacagcgacg	ccgcgagcca	gaggatggag	ccgcgggcgc	cgtggataga	gcaggagggg	240
	ccggagtatt	gggaccggaa	cacacggaat	gtgaaggccc	actcacagac	tcaccgagtg	300
	gacctgggga	ccttgcgcgg	ctactacaac	cagagcgagg	acggttctca	caccatccag	360
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	gagacgctgc	agcgcacgga	cgcccccaag	acgcatatga	ctcaccacgc	tgtctctgac	660
	catgaggcca	ccctgaggtg	ctgggcccctg	agcttctacc	ctgcggagat	cacactgacc	720
	tggcagcggg	atggggagga	ccagaccag	gacacggagc	tcgtggagac	caggcctgca	780
	gggatgggga	ccttcacgaa	gtgggcgtct	gtggtggtgc	cttctggaca	ggagcagaga	840
	tacacctgcc	atgtgcagca	tgagggtctg	cccaagcccc	tcacctgag	atgggag	897

<210> 150
 <211> 897
 <212> DNA
 <213> Homo sapiens

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	cagacctggg	cgggctccca	ctccatgagg	tatttctaca	cctccgtgtc	ccggcccggc	120
	cgcggggagc	cccgttcat	cgccgtgggc	tacgtggacg	acacgcagtt	cgtcggttc	180
	gacagcgacg	ccgcgagcca	gaggatggag	ccgcgggcgc	cgtggataga	gcaggagggg	240

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ccggagtatt	gggaccggaa	cacacggaat	gtgaaggccc	actcacagac	tgaccgagcg	300
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aggatgtatg	gctgcgacgt	ggggccggac	ggcgcttcc	tccgcgggta	ccagcaggac	420
gcttacgacg	gcaaggatta	catcgccctg	aacgaggacc	tgcgtctctg	gaccgcggcg	480
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<210> 151
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 151						
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tggcagcggg	atggggagga	ccagacccag	gacacggagc	tcgtggagac	caggcctgca	780
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<210> 152
 <211> 546
 <212> DNA

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<213> Homo sapiens

<400> 152
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 cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
 accggaacac acggaatgtg aaggccact cacagactca ccgagtggac ctggggaccc 240
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 gcgacgtggg gccggacggg cgcttcctcc gcgggtacca gcgggacgct tacgacggca 360
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 agatcaccca gcgaagtgg gagacggccc atgaggcgga gcagtggaga gcctacctgg 480
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<210> 153
 <211> 897
 <212> DNA
 <213> Homo sapiens

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 aacctgggga ccctgcgcgg ctactacaac cagagcgagg acggttctca caccatccag 360
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 tggcagcggg atggggagga ccagaccag gacacggagc tcgtggagac caggcctgca 780
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<212> DNA

<213> Homo sapiens

<400> 154

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<210> 155

<211> 546

<212> DNA

<213> Homo sapiens

<400> 155

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<211> 546
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<212> DNA
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<212> DNA
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ggagggcccg	gagtattggg
180	
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aaggccact	cacagactga
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<210> 162
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cgggcgccgt	ggatagagca
ggagggcccg	gagtattggg
180	
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aaggccact	cacagactga
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240	
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agcgaggacg	gtactcacac
catccagagg	atgtatggct
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gcaggacgct	tacgacggca
360	

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	cgcggggagc	cccgttcat	cgccgtgggc	tacgtggacg	acacgcagtt	cgtgcggttt	180
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	gacagcgacg	ccgcgagcca	gaggatggag	ccgcgggcac	cgtgataga	gcaggagggg	240
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 ggggatggaa ccttcagaa gtgggcggct gtggtgggtg cttctggaga ggagcagaga 840
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<210> 172
 <211> 887
 <212> DNA
 <213> Homo sapiens

<400> 172
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 agtggagagc cccgcttcat cgcagtgggc tacgtggacg acacgcagtt cgtgcggttc 180
 gacagcgacg ccgcgagcca gaggatggag ccgcggggcg cgtggataga gcaggagagg 240
 cctgagtatt gggaccagga gacacggaat gtgaagggcc actcacagac tgaccgagag 300
 aacctgggga cctgcgcggt ctactacaac cagagcgagg ccggttctca caccatccag 360
 ataatgtatg gctgcgacgt ggggtcggac gggcgcttcc tccgcgggta tgaacagcac 420
 gcaaggatta catcgccctg aacgaggacc tgcgtcttct gaccgcggcg gacatggcgg 480
 ctcagatcac ccagcgcaag tgggaggcgg ccgctcgggc ggagcagttg agagcctacc 540

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tggaggggcac	gtgctgtggag	tggctccgca	gatacctgga	gaacgggaag	gagacgtgc	600
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ccctgaggtg	ctggggccctg	ggcttctacc	ctgcggagat	cacactgacc	tggcagcggg	720
atggggagga	ccagaccag	gacacggagc	tcgtggagac	caggcctgca	ggggatggaa	780
ccttccagaa	gtgggcgctg	gtggtggtgc	cttctggaga	ggagcagaga	tacacctgcc	840
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<210> 173
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 <212> DNA
 <213> Homo sapiens

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	gcgagccaga	ggatggagcc	gccccgccg	tgatagagc	aggaggggcc	ggagtattgg	180
	gaccaggaga	cacggaatgt	gaaggccac	tcacagactg	accgagagaa	cctggggacc	240
	ctgcgcggtc	actacaacca	gagcgaggcc	ggttctcaca	ccatccagat	aatgtatggc	300
	tgcgactg	ggtcggagcg	gcgcttctc	gcgggtatg	aacagcacgc	ctacgacggc	360
	aaggattaca	tcgccctgaa	cgaggacctg	cgctcttgga	ccgcgccgga	catggcggct	420
	cagatcaccc	agcgcaagtg	ggaggcggcc	cgctgggcgg	agcagttgag	agcctacctg	480
	gagggcacgt	gcgtggagtg	gctccgcaga	tacctggaga	acgggaagga	gacgctgcag	540
	cgacaggacc	cccccaagac	acatatgacc	caccacccca	tctctgacca	tgaggccacc	600
	ctgaggtgct	gggccctggg	cttctaccct	gcggagatca	cactgacctg	gcagcgggat	660
	ggggaggacc	agaccacgga	cacggagctc	gtggagacca	ggcctgcagg	ggatggaacc	720
	ttccagaagt	gggcggctgt	ggtggtgcct	tctggagagg	agcagag		767

<210> 174
 <211> 546
 <212> DNA
 <213> Homo sapiens

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	cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggagaggcct	gagtattggg	180
	accaggagac	acggaatgtg	aaggccact	cacagactga	ccgagagaac	ctggggacc	240
	tgcgcggcta	ctacaaccag	agcgaggccg	gttctcacac	catccagata	atgtatggct	300

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agatcaccca gcgcaagtgg gaggcgggcc atgtggcgga gcagtggaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 175
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 175	
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cgagccagag gatggagccg cggcgcccg ggatagagca ggagaggcct gagtattggg	180
accaggagac acggaatgtg aaggccact cacagactga ccgagagaac ctggggaccc	240
tgcgcggtca ctacaaccag agcgaggccg gttctcacac catccagata atgtatggct	300
gcgacgtggg gtcggacggg cgcttcctcc gcgggtatga acagcacgcc tacgacggca	360
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agatcaccca gcgcaagtgg gaggcgggcc atgtggcgga gcagtggaga gcctacctgg	480
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gcacgg	546

<210> 176
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 176	
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cgagccagag gatggagccg cggcgcccg ggatagagca ggagaggcct gagtattggg	180
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tgcgcggtca ctacaaccag agcgaggccg gttctcacac catccagata atgtatggct	300
gcgacgtggg gtcggacggg cgcttcctcc gcgggtatga acagcacgcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctcttgac cgcgcgggac atggcggtc	420
agatcaccca gcgcaagtgg gaggcgggcc gtcggcgga gcagttgaga gcctacctgg	480
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gcacgg	546

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<210> 177
<211> 897
<212> DNA
<213> Homo sapiens

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agtgagagac cccgcttcac cgcagtgggc tacgtggacg acacgcagtt cgtgcggttc 180
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cctgagtatt gggaccagga gacacggaat gtgaagggcc agtcacagac tgaccgagtg 300
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gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgctcttg gaccgcggcg 480
gacatggcgg ctacagatcac ccagcgcaag tgggaggcgg ccggttgggc ggagcagttg 540
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ggggatggaa cttccagaa gtgggcggct gtgtggtgct cttctggaga ggagcagaga 840
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<210> 178
<211> 546
<212> DNA
<213> Homo sapiens

<400> 178
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cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagaggcct gagtattggg 180
accaggagac acggaatgtg aaggccact cacagactga ccgagagaac ctggggaccc 240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagata atgtatggct 300
gcgacgtggg gtcggacggg cgcttctcc gcgggtatga acagcacgcc tacgacggca 360
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agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagttgaga gcctacctgg 480
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gcacgg

546

<210> 179
 <211> 822
 <212> DNA
 <213> Homo sapiens

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 cgagccagag gatggagccg cgggcgccgt ggatagagca ggagaggcct gagtattggg 180
 accaggagac acggaatgtg aaggcccaact cacagactga ccgagagaac ctgggggaccc 240
 tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagata atgcatggct 300
 gcgacgtggg gtcggacggg cgcttcctcc gcgggtatga acagcacgcc tacgacggca 360
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 gggaggacca gaccaggac acggagctcg tggagaccag gcctgcaggg gatggaacct 720
 tccagaagtg ggcggctgtg gtggtgcctt ctggagagga gcagagatac acctgccatg 780
 tgcagcatga ggtcttgcgc aagccctca ccctgagatg gg 822

<210> 180
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 180
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 cgagccagag gatggagccg cgggcgccgt ggatagagca ggaggggccc gagtattggg 180
 accaggagac acggaatgtg aaggcccaact cacagactga ccgagtggac ctgggggaccc 240
 tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagata atgcatggct 300
 gcgacgtggg gtcggacggg cgcttcctcc gcgggtatga acagcacgcc tacgacggca 360
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 agatcaccca gcgcaagtgg gaggcgccc gttggcgga gcagttgaga gcctacctgg 480
 agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
 gcacgg 546

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<210> 181
<211> 822
<212> DNA
<213> Homo sapiens

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cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagaggcct gagtattggg    180
accaggagac acggaatgtg aagggccact cacagactga ccgagagaac ctggggaccc    240
tgcgcggcta ctacaaccag agcgaggcgg gttctcacac catccagata atgtatggct    300
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agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc    540
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<210> 182
<211> 897
<212> DNA
<213> Homo sapiens

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cgcggggagc cccgcttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttc    180
gacagcgacg ccgagacca gaggatggag ccgcgggcgc cgtggataga gcaggagagg    240
cctgagtatt gggaccagga gacacggaat gtgaaggccc actcacagat tgaccgagtg    300
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gacatggcgg ctcagatcac ccagcgcaag tgggaggcgg ccggtgtggc ggagcagttg    540
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 <211> 546
 <212> DNA
 <213> Homo sapiens

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cgagccagag gatggagccg cgggcgccgt ggatagagca ggagaggcct gagtattggg	180
accaggagac acggaagtgt aaggccact cacagattga ccgagtggac ctggggaccc	240
tgcgcggtta ctacaaccag agcagggccg gttctcacac catccagat atgtatggct	300
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gcacgg	546

<210> 184
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gcacgg	546

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 <211> 897
 <212> DNA
 <213> Homo sapiens

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 cgcggggagc cccgcttcac cgccgtgggc tacgtggacg acacgcagtt cgtgcggttc 180
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 gacatggcgg ctacagatcac ccagcgcaag tgggaggcgg ccggtgtggc ggagcagttg 540
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 ggggatggaa cttccagaa gtgggcgtct gtggtgggtc cttctggaca ggagcagaga 840
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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagaggcct gagtattggg 180
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gcacgg

546

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 accaggagac acggaatgtg aaggccact cacagattga ccgagtggac ctggggaccc 240
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 agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagttgaga gcctacctgg 480
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 gcacgg 546

<210> 188
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 188
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 cgagccagag gatggagcgg cgggcgccgt ggatagagca ggagaggcct gagtattggg 180
 accaggagac acggaagtgg aaggccact cacagactga ccgagagaac ctgcggatcg 240
 cgctccgcta ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct 300
 gcgacgtggg gtcggagcgg cgcttctcc gcgggtacca gcaggacgcc tacgacggca 360
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 agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagttgaga gcctacctgg 480
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 gcacgg 546

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 <212> DNA
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<400> 189

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cgagccagag	gatggagccg	ggggcgccgt	ggatagagca	ggaggggccc	gagtattggg	180
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gcgacgtggg	gtcggacggg	cgcttctctc	gcgggtacca	gcaggacgcc	tacgacggca	360
aggattacat	cgcttgaac	gaggacctgc	gctcttgac	cgcgccggac	atggcggtc	420
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gcacgg						546

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 <213> Homo sapiens

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accaggagac	acggaatgtg aaggccctact cacagattga ccgagtgac ctggggaccc 240
tgcgcggtta	ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct 300
gcgacgtggg	gtcggacggg cgcttctctc gcgggtacca gcaggacgcc tacgacggca 360
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agatcaccca	gcgcaagtgg gaggcgcccc gtgtggcgga gcagttgaga gcctacctgg 480
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gcacgg	

<210> 191
 <211> 897
 <212> DNA
 <213> Homo sapiens

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cgcggggagc	cccgttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttt 180
gacagcgacg	ccgcgagcca gaggatggag ccggggcgcc cgtggataga gcaggagggg 240
ccggagtatt	gggaccagga gacacggaat gtgaaggccc actcacagac tgaccgagag 300

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gcctacgacg	gcaaggatta	catcgccttg	aacgaggacc	tgcgtctctg	gaccgcggcg	480
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tggcagcggg	atggggagga	ccagaccag	gacacggagc	ttgtggagac	caggcctgca	780
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<210> 192
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 <212> DNA
 <213> Homo sapiens

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cgcggggagc	cccgttcat cgccgtggg tacgtggagc acacgcagtt cgtgcggtt 180
gacagcgacg	ccgcgagcca gaggatggag ccgcgggcgc cgtggataga gcaggagggg 240
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<210> 193
 <211> 546
 <212> DNA
 <213> Homo sapiens

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cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
accaggagac acggaatgtg aaggccact cacagactga ccgagagaac ctgcggatcg 240
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gcgacgtggg gccggacggg cgcttctcc gcgggtacca gcaggacgcc tacgacggca 360
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agatcaccca gcgaagtgt gaggcgccc gtgtggcgga gcagttgaga gcctacctgg 480
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<210> 194
<211> 546
<212> DNA
<213> Homo sapiens
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cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
accaggagac acggaatgtg aaggccact cacagactga ccgagagagc ctgcggatcg 240
cgctccgcta ctacaaccag agcgaggccg gttctcacac catccagata atgtatggct 300
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agatcaccaa gcgaagtgt gaggcgccc atgaggcgga gcagttgaga gcctacctgg 480
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gcacgg 546
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<210> 195
<211> 897
<212> DNA
<213> Homo sapiens
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cgcggggagc cccgttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttt 180
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gcgacgtggg	gccggacggg	cgctctctcc	gcgggtacca	gcaggacgcc	tacgacggca	360
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cgagccagag	gatggagcgg	cgggcgccgt	ggatagagca	ggaggggccg	gagtatggg	180

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cgcggggagc	cccgttcat	cgccgtgggc	tacgtggacg	acacgcagtt	cgtgcggttc	180

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<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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<210> 214

<211> 897

<212> DNA

<213> Homo sapiens

<400> 214

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 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

<400> 217

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<211> 897

<212> DNA

<213> Homo sapiens

<400> 218

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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gcgacgtggg	gtcggagcgg	cgcttcctcc	gcgggtaccg	gcaggacgcc	tacgacggca	360
aggattacat	cgccctgaaa	gaggacctgc	gctcttggac	cgcggcggtg	atggcagctc	420

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 <212> DNA
 <213> Homo sapiens

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 agaccaccaa gcacaagtgg gaggcggccc atgtggcgga gcagtggaga gcctacctgg 480
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 gcacgg 546

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 accggaacac acggaatgtg aaggccagt cacagactga ccgagtggac ctggggaccc 240
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<210> 225
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<212> DNA

<213> Homo sapiens

<400> 225

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cgagccagag	gatggagccg	ggggcgccgt	ggatagagca	ggagggccg	gagtattggg	180
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<210> 226

<211> 897

<212> DNA

<213> Homo sapiens

<400> 226

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<211> 546
<212> DNA
<213> Homo sapiens

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gcacgg 546

<210> 228
<211> 546
<212> DNA
<213> Homo sapiens

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gcacgg 546

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<211> 579
<212> DNA
<213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <211> 615
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <211> 897
 <212> DNA
 <213> Homo sapiens

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 cgcggggagc cccgcttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttt 180
 gagacgacg ccgcgagcca gaggatggag ccgcggggcg cgtggataga gcaggagggg 240
 ccggagtatt gggaccagga gacacggaat gtgaaggccc actcacagac tgaccgagtg 300
 gacctgggga cctgcgcggt ctactacaac cagagcgagg ccggttctca caccatccag 360
 atgatgatg gctgcgacgt ggggcccggc gggcgccctc tccgcgggta ccagcaggac 420
 gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgtctttg gaccgcggcg 480

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gacatggcgg	ctcagatcac	ccagcgcaag	tgggaggcgg	cccgtgtggc	ggagcagttg	540
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gagacgctgc	agcgcacgga	cgcccccaag	acgcatatga	ctcaccacgc	tgtctctgac	660
catgaggcca	ccctgaggtg	ctggggccctg	agcttctacc	ctgcggagat	cacactgacc	720
tggcagcggg	atggggagga	ccagaccagc	gacacggagc	ttgtggagac	caggcctgca	780
ggggatggaa	ccttcagaa	gtgggcgtct	gtggtggtgc	cttctggaca	ggagcagaga	840
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cgcggggagc	cccgttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttt 180
gacagcgacg	ccgcgagcca gaggatggag ccgcgggcgc cgtggataga gcaggagggg 240
ccggagtatt	gggaccagga gacacggaat gtaaggccc actcacagac tgaccgagtg 300
gacctgggga	ccctgcgcgc ctactacaac cagagcgagg ccggttctca caccatccag 360
atgatgtatg	gctgcgacgt ggggccggac gggcgctcc tccgcgggta ccagcaggac 420
gcctacgacg	gcaaggatta catcgccttg aacgaggacc tgcgctcttg gaccgcggcg 480
gacatggcgg	ctcagatcac ccagcgcaag tgggaggcgg cccgtgtggc ggagcagttg 540
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gagacgctgc	agcgcacggg 619

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 <212> DNA
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cgcggggagc	cccgttcat cgccgtgggc tacgtggacg acacgcagtt cgtgcggttt 180
gacagcgacg	ccgcgagcca gaggatggag ccgcgggcgc cgtggataga gcaggagggg 240
ccggagtatt	gggaccagga gacacggaat gtaaggccc actcacagac tgaccgagtg 300
gacctggcga	ccctgcgcgc ctactacaac cagagcgagg ccggttctca caccatccag 360
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gcctacgacg	gcaaggatta	catcgcccttg	aacgaggacc	tgcgctcttg	gaccgcggcg	480
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gagacgctgc	agcgcacgg					619

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 <213> Homo sapiens

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	gcgagccaga	ggatggagcc	gcgggcgcgg	tggatagagc	aggaggggtcc	ggagtattgg	180
	gacggggaga	cacggaaaagt	gaaggcccac	tcacagactg	accgagtggga	cctggggacc	240
	ctgcgcggct	actacaacca	gagcgaggcc	ggttctcaca	ccatccagat	gatgtattgg	300
	tgcgacgtgg	ggcgggacgg	gcgcctcttc	cgcgggtacc	agcaggacgc	ctacgacggc	360
	aaggattaca	tcgccttgaa	cgaggacctg	cgctcttgga	ccgcggcgga	catggcggct	420
	cagatcaccc	agcgcaagtg	ggaggcggcc	cggtgtggcg	agcagttgag	agcctacctg	480
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	cgcacgg						547

<210> 245
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 <212> DNA
 <213> Homo sapiens

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	cgagccagag	gatggagcgg	cgggcgccgt	ggatagagca	ggagggggcg	gagtattggg	180
	accaggagac	acggaatgtg	aaggcccact	cacaggctga	ccgagtggac	ctggggaccc	240
	tgcgcggcta	ctacaaccag	agcgaggccg	gttctcacac	catccagatg	atgtatggct	300
	gcgacgtggg	gccggacggg	cgctctctcc	gcgggtacca	gcaggacgcc	tacgacggca	360
	aggattacat	cgccctgaac	gaggacctgc	gctcttgga	cgcggcgga	atggcggctc	420
	agatcaccca	gcgcaagtg	gaggcgggcc	gtgtggcgga	gcagttgaga	gcctacctgg	480
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	gcacgg						546

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<211> 545
<212> DNA
<213> Homo sapiens

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cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
accaggagac acggaatgtg aaggccact cacagactca ccgagtggac ctggggaccc 240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct 300
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agatcaccca gcgaagtgg gaggcggccc gtgtggcgga gcagttgaga gcctacctgg 480
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gcacg 545

<210> 247
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<212> DNA
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cgagccagag gatggagccg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
accaggagac acggaatgtg aaggccact cacagattga ccgagtggac ctggggaccc 240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct 300
gcgacgtggg gccggacggg cgctcctcc gcgggtacca gcaggacgcc tacgacggca 360
aggattacat cgcttgaac gaggacctgc gctcttgac cgcgccggac atggcggtc 420
agatcaccca gcgaagtgg gaggcggccc gtgtggcgga gcagttgaga gcctacctgg 480
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gcacg 546

<210> 248
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<400> 248
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accaggagac	acggaatgtg	aaggccctact	cacagactga	ccgagtggac	ctggggaccc	240
tgcgcggtta	ctacaaccag	agcgaggccg	gttctcacac	catccagatg	atgtatggct	300
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aggattacat	cgcttgaac	gaggacctgc	gctcttggac	cgcgccggac	atggcggtc	420
agatcaccca	gcgcaagtgg	gaggcgccca	gtgtggcgga	gcagttgaga	gcctacctgg	480
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gcacgg						546

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 <212> DNA
 <213> Homo sapiens

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cgagccagag	gatggagccg	cgggcgccgt	ggatagagca	ggaggggccc	gagtatggg	180
accaggagac	acggaatgtg	aaggccctact	cacagactga	ccgagtggac	ctggggaccc	240
tgcgcggtta	ctacaaccag	agcgaggccg	gttctcacac	catccagatg	atgtatggct	300
gcgacgtggg	gccggagcgg	cgctctctcc	gcgggtacca	gcaggacgcc	tacgacggca	360
aggattacat	cgcttgaac	gaggacctgc	gctcttggac	cgcgccggac	atggcggtc	420
agatcaccca	gcgcaagtgg	gaggcgcccc	gtgtggcgga	gcagttgaga	gcctacctgg	480
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gcacgg						546

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 <212> DNA
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<400> 250						
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cgcggggagc	cccgttcat	cgagtgggc	tacgtggacg	actcgagtt	cgtgcagttc	180
gacagcgacg	ccgcgagcca	gaggatggag	cccgggcgcc	cgtggataga	gcaggaggag	240
ccggagtatt	gggacgagga	gacacggaat	gtgaaggccc	actcacagac	taaccgagcg	300
aacctgggga	ccctgcgcgg	ctactacaac	cagagcgagg	acggttctca	caccatccag	360

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gacatggcgg ctccagatcac caagcgcaag tgggaggcgg ccgctcgggc ggagcagctg	540
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gagacgctgc agcgcacgga ccccccaag acacatatga ccaccaccc catctctgac	660
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tggcagcggg atgggggagga ccagacccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa ctttcagaa gtgggcggct gtggtggtac cttctggaaa ggagaagaga	840
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<210> 252
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<210> 253
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 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1173
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<212> DNA
<213> Homo sapiens
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<211> 546
<212> DNA
<213> Homo sapiens
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 <212> DNA
 <213> Homo sapiens

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gcgctg						546

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<210> 1183
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1185
<211> 546
<212> DNA
<213> Homo sapiens

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gcgctg						546

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<212> DNA
<213> Homo sapiens
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<213> Homo sapiens
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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<400> 1189		
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<211> 1017
<212> DNA
<213> Homo sapiens

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<210> 1192
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 <212> DNA
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 <211> 526
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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<211> 546
<212> DNA
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gcgcgg 546

<210> 1197
<211> 546
<212> DNA
<213> Homo sapiens

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gcgcgg 546

<210> 1198
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1200
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 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1202
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcgcgg	546

<210> 1203

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<211> 546
<212> DNA
<213> Homo sapiens

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gcgcgg 546

<210> 1204
<211> 546
<212> DNA
<213> Homo sapiens

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cgagtcgag agaggagccg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
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gcgcgg 546

<210> 1205
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1206
 <211> 822
 <212> DNA
 <213> Homo sapiens

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<210> 1207
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 <212> DNA
 <213> Homo sapiens

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<210> 1208
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 <212> DNA
 <213> Homo sapiens

<400> 1208		
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<210> 1209
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 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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<210> 1215
 <211> 822
 <212> DNA
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<210> 1216
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 <212> DNA
 <213> Homo sapiens

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<210> 1217
<211> 1017
<212> DNA
<213> Homo sapiens

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<400> 1217
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tcttcccagt	ccaccgtccc	catcgtgggc	attgttgctg	gcctggctgt	cctagcagtt	960
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<210> 1218
 <211> 822
 <212> DNA
 <213> Homo sapiens

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	cgagtcagag	agaggagccg	cgggcgccgt	ggatagagca	ggaggggccg	gaatattggg	180
	accggaacac	acagatctgc	aagaccaaca	cacagactga	ccgagagagc	ctgcggaacc	240
	tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagtgg	atgtatggct	300
	gcgacgtggg	gccggacggg	cgctctctcc	gcgggtataa	ccagttcgcc	tacgacggca	360
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	agatcaccca	gcgcaagtgg	gaggcgggcc	gtgaggcgga	gcagcgagga	gcctacctgg	480
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	tgaggtgctg	ggccctgggg	ttctaccctg	cggagatcac	actgacctgg	cagcgggatg	660
	gcgaggacca	aactcaggac	accgagcttg	tggagaccag	accagcagga	gacagaacct	720
	tccagaagtg	ggcagctgtg	gtggtgcctt	ctggagaaga	gcagagatac	acatgccatg	780
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<210> 1219
 <211> 546
 <212> DNA
 <213> Homo sapiens

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	cgagtcagag	agaggagccg	cgggcgccgt	ggatagagca	ggaggggccg	gaatattggg	180
	accggaacac	acagaactgc	aagaccaaca	cacagactga	ccgagagagc	ctgcggaacc	240

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gcgcgg						546

<210> 1220
 <211> 619
 <212> DNA
 <213> Homo sapiens

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ccggaatatt	gggaccggaa	cacacagatc	tgcaagacca	acacacagac	tgaccgagag	300
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<210> 1221
 <211> 546
 <212> DNA
 <213> Homo sapiens

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accggaacac	acagatctcg	aagaccaaca	cacagactga	ccgagagagc	ctgcggaacc	240
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gcgcgg 546

<210> 1222
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1222
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cgagtccgag agaggagcgg cgggcgccgt ggatagagca ggaggggccg gaattattggg 180
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gcgcgg 546

<210> 1223
<211> 1017
<212> DNA
<213> Homo sapiens

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cgcggggagc cccgcttcat cgagtgggc tacgtggacg acaccagatt cgtgaggttc 180
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gctacgacg gcaaggatta catcgccctg aacgaggacc tgagctcctg gaccggcgcg 480
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tacacatgcc	atgtacagca	tgaggggctg	ccgaagcccc	tcacctgag	atggggacca	900
tcttcccagt	ccaccatccc	catcgtgggc	attgttgctg	gcctggctgt	cctagcagtt	960
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<210> 1224
 <211> 546
 <212> DNA
 <213> Homo sapiens

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aagattacat	cgccctgaac	gaggacctga gctcctggac cgcggcggac acggcggtc 420
agatcaccca	gcgcaagtgg	gaggcgcccc gtgaggcgga gcagtggaga gcctacctgg 480
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gcgcgg		546

<210> 1225
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcgcgg		546

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<210> 1226
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1227
<211> 1017
<212> DNA
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 <211> 1017
 <212> DNA
 <213> Homo sapiens

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<210> 1229
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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gacagcgacg	ccgcgagtc	gaggatggcg ccccgggcgc catggataga gcaggagggg 240
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<210> 1230
 <211> 945
 <212> DNA
 <213> Homo sapiens

<400> 1230	
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gtccgcgaga	tacctggaga
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<400> 1234

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<211> 1017

<212> DNA

<213> Homo sapiens

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			ccgccatgtc
			ccggcccggc
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			cgtgaggttc
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			cgtggataga
			gcaggagggg
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			acacacagac
			ttaccgagag
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			cacctccag
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			tccgcgggca
			tgaccagtcc
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			ggagcagctg
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			ctgcggagat
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			gcctggctgt
			cctagcagtt
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			ccgccatgtc
			ccggcccggc
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 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <211> 1017
 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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<210> 1253
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<212> DNA
<213> Homo sapiens

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 <212> DNA
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 <212> DNA
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<400> 1256

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<210> 1259
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 <212> DNA
 <213> Homo sapiens

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<210> 1260
 <211> 546
 <212> DNA
 <213> Homo sapiens

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546

<210> 1261
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<210> 1262
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 cgagtcgag gatggcgccc cgggcgcat ggatagagca ggaggggccg gagtattggg 180
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<210> 1263
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1263

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cgagtccgag gatggcgccc cgggcgccat ggatagagca ggaggggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc	240
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agatcaccca gcgcaagtgg gaggcggccc gtgaggcgga gcagtgaga gcctacctgg	480
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 <211> 546
 <212> DNA
 <213> Homo sapiens

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546

<210> 1268
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 cgagtcgag gatggcgccc cgggcgccat ggatagagca ggaggggccc gagtattggg 180
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<210> 1269
 <211> 619
 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cggaaggag acgtctcagc 540
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<211> 546
<212> DNA
<213> Homo sapiens
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gcgcgg 546
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<211> 546
<212> DNA
<213> Homo sapiens
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cgagtcgag agaggagccg cgggcgccgt ggatagagca ggaggggccg gagtattggg 180
accgggagac acagatcttc aagaccaaca caggactta ccgagagagc ctgcggaacc 240
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 <212> DNA
 <213> Homo sapiens

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<210> 1274
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<212> DNA
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gagacgctgc agcgcgcgg 619

<210> 1276
<211> 619
<212> DNA
<213> Homo sapiens

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gagacgctgc agcgcgcgg 619

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 <211> 1017
 <212> DNA
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<210> 1278
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 <213> Homo sapiens

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tgcgcggtta	ctacaaccag
gcgacgtggg	gccggagcgg
aggattacat	cgccctgaac
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gcgcgg	

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 <212> DNA
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 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcgacgtggg	gccggacggg	cgctcctcc gcggcatga ccagtcgcc tacgacggca 360
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<212> DNA
<213> Homo sapiens

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gcgcgg 546

<210> 1284
<211> 546
<212> DNA
<213> Homo sapiens

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cgagtcgag agaggagccg cgggcgccgt ggatagagca ggagggccg gagtattggg 180
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gcgcgg 546

<210> 1285
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1286
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<212> DNA
<213> Homo sapiens
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tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct 300
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gcgcgg 546
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<210> 1287
<211> 546
<212> DNA
<213> Homo sapiens
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cgagtcgag gatggcgccc gggcgccat ggatagagca ggagggcgccg gagtattggg 180
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<210> 1288
 <211> 1017
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 <211> 546
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<210> 1290
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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gaggttcgac	agcgacgccg
	120
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cgggcgccat	ggatagagca
ggaggggccc	gagtattggg
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aagaccaaca	cacagactga
ccgagagagc	ctgcggaacc
	240
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gcagtgagga	gcctacctgg
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gaggttcgac	agcgacgccg
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cgggcgccat	ggatagagca
ggaggggccc	gagtattggg
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ccgagagagc	ctgcggaacc
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 <211> 822
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gcgcggacc	cccaaagaca
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<210> 1295
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 <212> DNA
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ccgagagagc	ctgcggaacc
	240
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ccagtccgcc	tacgacggca
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gaggacctga	gctcctggac
cgcggcggtc	acggcggtc
	420
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gaggcggtcc	gtgaggcgga
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	546

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 <211> 546
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gaggttcgac	agcgacgccg
	120
cgagtcag	gatggcgccc
cgggcgccat	ggatagagca
ggaggggccg	gagtattggg
	180
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aagaccaaca	cacagactta
ccgagagagc	ctgcggaacc
	240
tgcgcggtta	ctacaaccag
agcgaggccg	ggtctcacac
cctccagagg	atgtacggct
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 <212> DNA
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<210> 1303
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 <212> DNA
 <213> Homo sapiens

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<212> DNA
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<212> DNA
<213> Homo sapiens

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<210> 1307
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<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <212> DNA
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 <212> DNA
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 <212> DNA
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 <212> DNA
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<212> DNA
<213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<212> DNA
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<212> DNA
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<211> 1017
<212> DNA
<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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 <213> Homo sapiens

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 <213> Homo sapiens

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aggattacat	cgccctgaac	gaggacctga	gctcctggac	cgcgcgggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcgggcc	gtgtggcgga	gcagctgaga	gcctacctgg	480
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gcgcgg						546

<210> 1362
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1362						
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tgcgcggtta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtatggct	300
gcgacctggg	gcccgagcgg	cgctctctcc	gcgggcataa	ccagtacgcc	tacgacggca	360
aggattacat	cgccctgaac	gaggacctgc	gctcctggac	cgcccgggac	acggcggtc	420
agatcaccca	gcgcaagtgg	gaggcgggcc	gtgtggcgga	gcagcggaga	gcctacctgg	480

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gcgcgg 546

<210> 1363
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1363
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cgagtccgag gaaggagcgg cgggcgccat ggatagagca ggagggcgccg gagtattggg 180
accggaacac acagatcttc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
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gcgacctggg gcccgacggg cgctcctcc gcgggcatga ccagtcgcc tacgacggca 360
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agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagctgaga gcctacctgg 480
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gcgcgg 546

<210> 1364
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1364
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cgagtccgag gacggagccc ggggcgccat ggatagagca ggagggcgccg gagtattggg 180
accggaacac acagatcttc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
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gcgacctggg gcccgacggg cgctcctcc gcgggcatga ccagtcgcc tacgacggca 360
aggattacat cgccctgaac gaggacctga gctcctggac cgcggcgac accgcggctc 420
agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagctgaga gcctacctgg 480
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gcgcgg 546

<210> 1365
<211> 546
<212> DNA

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<213> Homo sapiens

<400> 1365

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cgagtcgag	gacggagccc	cgggcgcat	ggatagagca	ggaggggccg	gagttattggg	180
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tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtatggct	300
gcgacctggg	gcccagcggg	cgctctctcc	gcgggcata	ccagtcgcc	tacgacggca	360
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agggcctgtg	cgtaggagtg	ctccgcagac	acctggagaa	cggaagggag	acgtgcagc	540
gcgcgg						546

<210> 1366

<211> 546

<212> DNA

<213> Homo sapiens

<400> 1366

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cgagtcgag	gacggagccc	cgggcgcat	ggatagagca	ggaggggccg	gagttattggg	180
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tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagagc	atgtacggct	300
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aggattacat	cgcctgaac	gaggacctga	gctcctggac	cgcgccggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcgcccc	gtgtggcgga	gcagctgaga	gcctacctgg	480
agggcctgtg	cgtaggagtg	ctccgcagat	acctggagaa	cggaagggag	acgtgcagc	540
gcgcgg						546

<210> 1367

<211> 546

<212> DNA

<213> Homo sapiens

<400> 1367

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gcttcacgc	agtgggtac	gtggacgaca	cccagttcgt	gaggttcgac	agcgacgccg	120
cgagtcgag	gacggagccc	cgggcgcat	ggatagagca	ggaggggccg	gagttattggg	180

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tgcgcggtta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtttggct	300
gcgacctggg	gcccgagcgg	cgctctctcc	gcgggcatga	ccagtccgcc	tacgacggca	360
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agatcaccca	gcgcaagtgg	gaggcgggcc	gtgtggcgga	gcagctgaga	gcctacctgg	480
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gcgcgg						546

<210> 1368
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1368						
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cgagtcagag	gacggagccc	cgggcgccat	ggatagagca	ggagggggccg	gagtattggg	180
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tgcgcggtta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtatggct	300
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aggattacat	cgccctgaac	gaggacctga	gctcctggac	cgcgcgggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcgggcc	gtgtggcgga	gcagctgaga	gcctacctgg	480
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gcgcgg						546

<210> 1369
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1369						
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tgcgcggtta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtatggct	300
gcgacctggg	gcccgagcgg	cgctctctcc	gcgggcatga	ccagtccgcc	tacgacggca	360
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agatcaccca	gcgcaagtgg	gaggcgggcc	gtgtggcgga	gcagctgaga	gcctacctgg	480

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gcgcgg 546

<210> 1370
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1370
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cgagtccgag agaggagccc cgggcgccat ggatagagca ggaggggccc gaattattggg 180
accggaacac acagatctcg aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
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gcgacctggg gcccgacggg cgctcctcc gcgggcatga ccagtcgcc tacgacggca 360
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agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagctgaga gcctacctgg 480
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gcgcgg 546

<210> 1371
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1371
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cgagtccgag gacggagccc cgggcgccat ggatagagca ggaggggccc gaggatttggg 180
accggaacac acagatcttc aagaccaaca cacagactta ccgagagAAC ctgcggaacc 240
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agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagctgaga gcctacctgg 480
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gcgcgg 546

<210> 1372
<211> 619
<212> DNA

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<213> Homo sapiens

<400> 1372

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cgcggggagc	cccgttcat	cgcagtgggc	tacgtggacg	acaccagtt	ctgtaggttc	180
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ccggagtatt	gggaccggga	gacacagatc	tccaagacca	acacacagac	ttaccgagag	300
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gcctacgacg	gcaaggatta	catcgccctg	aacgaggacc	tgagctcctg	gacccgggcg	480
gacaccgcgg	ctcagatcac	ccagcgcaag	tgggaggcgg	cccgtgtggc	ggagcagctg	540
agagcctacc	tggagggcct	gtgctgggag	tggtcccgca	gatacctgga	gaacgggaag	600
gagacgctgc	agcgcgcgg					619

<210> 1373

<211> 546

<212> DNA

<213> Homo sapiens

<400> 1373

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cgagtccgag	gacggagccc	cgggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
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tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtatggct	300
gcgacctggg	gcccagcggg	cgctctctcc	gcgggcatga	ccagtcgcc	tacgacggca	360
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agggcctgtg	ctgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
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<210> 1374

<211> 546

<212> DNA

<213> Homo sapiens

<400> 1374

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cgagtcgag	gacggagccc	cgggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
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 <212> DNA
 <213> Homo sapiens

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tcttcccagt	ccaccgtccc	catcgtgggc	attgttgctg	gcctggctgt	cctagcagtt	960
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<210> 1376
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcgcgg 546

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<210> 1377
<211> 564
<212> DNA
<213> Homo sapiens

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ggttcgacag cgacgcgcgg agtccgagga cggagccccg ggcgccatgg atagagcagg 180
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cggcgacac cgcggtcag atcaccacgc gcaagtgga ggcggcccg gtggcgagc 480
agctgagagc ctacctggag ggcgagtgcg tggagtggct ccgcagatac ctggagaacg 540
ggaaggagac gctgcagcgc gcgg 564

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```

<210> 1378
<211> 546
<212> DNA
<213> Homo sapiens

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<400> 1378
gtcctccactc catgaggtat ttctacaccg ccatgtcccg gcccgccgcg ggggagcccc 60
gtttcatcgc agtgggctac gtggacgaca cccagttcgt gaggttcgac agcgacgccg 120
cgagtccgag gacggagccc cgggcgccat ggatagagca ggagggcccg gagtattggg 180
accggaacac acagatcttc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240

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tgcgcggcta	ctacaaccag	agcgaggcgc	ggctcacat	catccagagg	atgtatggct	300
gcgacctggg	gcccgacggg	cgctctctcc	gcgggcata	ccagtacgcc	tacgacggca	360
aggattacat	cgcctgaac	gaggacctga	gctcctggac	cgcggcggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcgcccc	gtgtggcgga	gcagctgaga	gcctacctgg	480
agggcctctg	cgtggagtgg	ctccgcagat	acctggagaa	cggaaggagg	acgctgcagc	540
gcgcgg						546

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<210> 1379
<211> 546
<212> DNA
<213> Homo sapiens
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cgagttccgag	gacggagccc	cggggccat ggatagagca ggagggggccg gagtattggg 180
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aggattacat	cgccctgaac	gaggacctga gctctggac cgcggcggac accgcgctc 420
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aggcgcctg	ctggagtg	ctccgcagat acctggagaa cggaaggag acgctgcagc 540
gcgcgc		546

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<211> 546
<212> DNA
<213> Homo sapiens
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cgagtcceg	gacggagccc	cgggcccatt ggatagagca ggagggggccg gagtattggg 180
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gcgcgg 546

<210> 1381
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1381
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 agatcaccca gcgcaagtgg gaggcggccc gtgtggcgga gcagctgaga gcctacctgg 480
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 gcgcgg 546

<210> 1382
 <211> 548
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (547)..(547)
 <223> n is a, c, g, or t

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<210> 1383
 <211> 546
 <212> DNA
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<210> 1384
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 <212> DNA
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912

<210> 1385
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<210> 1386
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 <212> DNA
 <213> Homo sapiens

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<210> 1387
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1388
 <211> 546
 <212> DNA
 <213> Homo sapiens

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cgagtccgag gacggagccc cgggcgccat ggatagagca ggaggggccg gagtattggg	180
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 1395
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 <212> DNA
 <213> Homo sapiens

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<212> DNA
<213> Homo sapiens
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546

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<210> 1403
 <211> 1017
 <212> DNA
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<210> 1405
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 <212> DNA
 <213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA
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 <213> Homo sapiens

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<210> 1413
 <211> 413
 <212> DNA
 <213> Homo sapiens

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<210> 1414
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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<210> 1415
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<400> 1415		
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<210> 1416
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 <212> DNA
 <213> Homo sapiens

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tcttcccagt	ccaccgtccc	catcgtgggc	attgttgctg	gcctggctgt	cctagcagtt	960
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<210> 1417
 <211> 677
 <212> DNA
 <213> Homo sapiens

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	gcgccttgga	tagagcagga	ggggccggaa	tattgggacc	ggaacacaca	gatctgcaag	180
	accaaacac	agacttaccg	agagagcctg	cggaaacctg	gcggctacta	caaccagagc	240
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	ctcttcgcg	ggcataacca	gttcgcctac	gacggcaagg	attacatcgc	cctgaacgag	360
	gacctgagct	cctggaccgc	ggcggacacc	gcggctcaga	tcaccagcgc	caagtgggag	420
	gcggcccgtg	tggcggagca	gcggagaacc	tacctggagg	gcagtgccgt	ggagtggctc	480
	cgcagatacc	tggagaacgc	gaaggagacg	ctgcagcgcg	cggaccccc	aaagacacat	540
	gtgaccaccc	accccatctc	tgacctgag	gccaccctga	ggtgctgggc	cctgggcttc	600
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<210> 1418
 <211> 546
 <212> DNA
 <213> Homo sapiens

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	cgagtccgag	agaggagccg	cgggcgccgt	ggaatagaga	ggaggggccc	gaatattggg	180
	accggaacac	acagatctgc	aagaccaaca	cacagactga	ccgagagagc	ctcgggaacc	240
	tgcgcggtta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagagg	atgtacggct	300
	gcgacgtggg	gccggagcgg	cgctctctcc	gcgggcataa	ccagttcgcc	tacgacggca	360
	aggattacat	cgccctgaac	gaggacctga	gtcctctggc	cgcggcgagc	accgcggctc	420
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<210> 1419
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<212> DNA
<213> Homo sapiens

<400> 1419
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gcgcgg 546

<210> 1420
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1420
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cgagtcgag agaggagccg cgggcgccgt ggatagagca ggagggccg gaattattggg 180
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tgcgcggtc ctacaaccag agcgaggccg ggtctcacac cctccagagc atgtacggct 300
gcgacgtggg gccggacggg cgctcctcc gcgggcataa ccagtacgcc tacgacggca 360
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agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagctgaga acctacctgg 480
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<210> 1421
<211> 546
<212> DNA
<213> Homo sapiens

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<400> 1421
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cgagtcgag agaggagccg cgggcgccgt ggatagagca ggagggccg gaatttggg 180
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gcgcgg 546

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<210> 1422
<211> 546
<212> DNA
<213> Homo sapiens

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<400> 1422
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gcgcgg 546

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<210> 1423
<211> 619
<212> DNA
<213> Homo sapiens

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<400> 1423
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cgcggggagc cccgttcat ctactgggc tacgtggacg acacgcagtt cgtgaggttc 180
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<210> 1424
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 gcgcgg 546

<210> 1426
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1426
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<210> 1427
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1427
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<210> 1428
 <211> 546

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<212> DNA
 <213> Homo sapiens

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<210> 1429
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 <212> DNA
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tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagagc	atgtacggct	300
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aggattacat	cgcctgaac	gaggacctgc	gctcctggac	cgccgcggac	acggcggtc	420
agatcaccca	gcgcaagtgg	gaggcgcccc	gtgtggcgga	gcagctgaga	gcctacctgg	480
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gcgcgg						546

<210> 1443
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1443						
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cgagtcgag	gaaggagcgg	cgggcgcat	ggatagagca	ggaggggccc	gagtattggg	180
accgggagac	acagatctcc	aagaccaaca	cacagactta	ccgagagagc	ctgcggaacc	240
tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagagg	atgtacggct	300

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gcgacgtggg gccggacggg cgctcctcc gcgggcataa ccagtagcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctcctggac cgccgaggac acggcggtc	420
agatctccca gcgcaagtgg gaggcgggcc gtgtggcgga gcagctgaga gcctacctgg	480
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gcgctg	546

<210> 1444
 <211> 546
 <212> DNA
 <213> Homo sapiens

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cgagtcgag gaaggagccg cgggcgccat ggatagagca ggaggggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc	240
tgcgcggtca ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccggacggg cgctcctcc gcgggcataa ccagtagcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctcctggac cgccgaggac acggcggtc	420
agatcaccca gcgcaagtgg gaggcgggcc gtgtggcgga gcagctgaga gcctacctgg	480
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gcgcgg	546

<210> 1445
 <211> 619
 <212> DNA
 <213> Homo sapiens

<400> 1445	
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cgcggggagc cccgcttcat ctcagtgggc tacgtggacg acacgcagtt cgtgaggttc	180
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ccggagtatt gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag	300
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gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgtcctg gaccgccg	480
gacacggcg ctcagatctc ccagcgcaag ttggaggcg cccgtgtggc ggagcagctg	540
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gacaagctgg agcgcgctg 619

<210> 1446
 <211> 619
 <212> DNA
 <213> Homo sapiens

<400> 1446
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 gagacctggg ctgggtccca ctccatgagg tatttccaca cctccgtgtc ccggcccggc 120
 cgcggggagc cccgcttcat caccgtgggc tacgtggacg acacgctgtt ctgtaggttc 180
 gagacgcgac ccacgagtcc gaggaaggag ccgcggggcg catgtagata gcaggagggg 240
 ccggagtatt gggaccggga gacacagatc ttcaagacca acacacagac ttaccgagag 300
 aacctgcgga tcgcgctccg ctactacaac cagagcgagg ccgggtctca cacctccag 360
 agcatgtacg gctgcgacgt ggggcccggc gggcgctcc tccgcgggca taaccagtac 420
 gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgtcctg gaccgccgag 480
 gagacggcgg ctacagatcac ccagcgcaag tgggaggcgg ccggtgtggc ggagcagctg 540
 agagcctacc tggaggggca gtgctggag tggtccgca gatacctgga gaacgggaag 600
 gagacgctgc agcgcgagg 619

<210> 1447
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1447
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 cgagtcgag gaaggagcgg cgggcgcat gtagtagaca ggaggggccc gagtattggg 180
 accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
 tgcgcggcta ctacaaccag agcgaggcgg ggtctcacac cctccagagg atgtacggct 300
 gcgacgtggg gccggagcgg cgctctctcc gcgggcataa ccagtacgcc tacgacggca 360
 aggattacat cgccctgaac gaggacctgc gctcttgagc cgcggcggac accgcggctc 420
 agatcaccca gcgcaagtgg gaggcggccc gtgtggcgga gcagctgaga gcctacctgg 480
 agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc 540
 gcgctg 546

<210> 1448
 <211> 546
 <212> DNA

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<213> Homo sapiens

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<400> 1448
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gttcatcac cgtgggtac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca 120
cgagtcgag gaaggagccg cgggcgcat ggatagagca ggagggccg gagtattggg 180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct 300
gcgacgtggg gccggagcgg cgctctctcc gcgggcataa ccagtacgcc tacgacggca 360
aggattacat cgccctgaac gaggacctgc gctcctggac cgccgaggac acggcggtc 420
agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagctgaga gcctacctgg 480
agggcgagtg cgtggagtg ctccgcagat acctggagaa cggaagagac aagctggagc 540
gcgctg 546

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<210> 1449
<211> 546
<212> DNA
<213> Homo sapiens

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<400> 1449
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gttcatcac cgtgggtac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca 120
cgagtcgag gaaggagccg cgggcgcat ggatagagca ggagggccg gagtattggg 180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagc atgtacggct 300
gcgacgtggg gccggagcgg cgctctctcc gcgggcataa ccagtacgcc tacgacggca 360
aggattacat cgccctgaac gaggacctgc gctcctggac cgccgaggac acggcggtc 420
agatcaccca gcgcaagtgg gaggcgccc gtgaggcgga gcagcggaga gcctacctgg 480
agggcgagtg cgtggattgg ctccgcagat acctggagaa cggaagagac aagctggagc 540
gcgctg 546

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<210> 1450
<211> 619
<212> DNA
<213> Homo sapiens

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<400> 1450
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gagacctgg cggtccca ctccatgagg tatttcaca ccgcatgtc ccggccggc 120
cgggggagc ccgctcat caccgtggg tacgtggacg acacgtgtt cgtgaggtc 180

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gacagcgacg	ccacgagtc	gaggaaggag	ccgcgggcgc	catggataga	gcaggagggg	240
ccggagtatt	gggaccggga	gacacagatc	tccaagacca	acacacagac	ttaccgagag	300
agcctcgga	acctgcgcg	ctactacaac	cagagcgagg	ccgggtctca	cacctccag	360
agcatgtacg	gctgcgacgt	ggggccggac	gggcgcctcc	tccgcgggca	taaccagtac	420
gcctacgacg	gcaaggatta	catcgccctg	aacgaggacc	tgcgtcctg	gaccgccg	480
gacacggcgg	ctcagatcac	ccagcgcaag	tgggaggcgg	cccgtgaggc	ggagcagcgg	540
agagcctacc	tggaggggca	gtgcgtggag	tggctccgca	gatacctgga	gaacgggga	600
gacaagctgg	agcgcgctg					619

<210> 1451
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1451		
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gcttcatcac	cgtgggctac	gtggacgaca
cgagtcgag	gaaggagccg	cgggcgccat
accgggagac	acagatctcc	aagaccaaca
tgcgcggcta	ctacaaccag	agcgaggccg
gcgacgtggg	gccggacggg	cgctcctccc
aggattacat	cgccctgaac	gaggacctgc
agatcaccca	gcgcaagtgg	gaggcgcccc
agggcgagtg	cgtggagtgg	ctccgcagat
gcgcgg		

<210> 1452
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1452		
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gcttcatcac	cgtgggctac	gtggacgaca
cgagtcgag	gaaggagccg	cgggcgccat
accgggagac	acagatctcc	aagaccaaca
cgctccgcta	ctacaaccag	agcgaggccg
gcgacgtggg	gccggacggg	cgctcctccc
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agatcaccca gcgcaagtgg gaggcggccc gtgtggcgga gcagctgaga gcctacctgg	480
agggcgagtg cgtggagtggt ctccgcagat acctggagaa cgggaaggag acgtgcgagc	540
gcgcgg	546

<210> 1453
 <211> 619
 <212> DNA
 <213> Homo sapiens

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cgcggggagc cccgcttcat caccgtgggc tacgtggacg acacgctgtt cgtgagggtc	180
gacagcgacg ccacgagttc gaggaaggag ccgcgggcgc catggataga gcaggagggg	240
ccggagtatt gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag	300
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gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgtcctg gaccgccgag	480
gacacggcgg ctcagatcac ccagcgcaag tgggaggcgg ccggtgtggc ggagcagctg	540
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gagacgctgc agcgcgagg	619

<210> 1454
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1454 gctcccactc catgaggtat ttctacaccg ccatgtcccg gcccgggcgc ggggagcccc	60
gcttcacgcg agtgggctac gtggacgaca cccagttcgt gaggttcgac agcgacgccg	120
cgagtccgag gatggcgccc ggggcgccat ggatagagca ggaggggcgg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc	240
tgcggggcta ctacaaccag agcgaggcgg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccggacggg cgctctctcc gcgggcataa ccagtacgcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctcctggac cgccgcggac acggcggtc	420
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gcgctg	546

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<210> 1455
 <211> 619
 <212> DNA
 <213> Homo sapiens

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 cgcgggggag cccgcttcat caccgtgggc tacgtggacg acacgctgtt cgtgagggtc 180
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 aggatgtacg gctgcgacgt ggggcccggc gggcgctctc tccgcgggca taaccagtac 420
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 gacaagctgg agcgcgctg 619

<210> 1456
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1456
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 cgagtcgag gaaggagcgg cgggcgcat ggatagagca ggagggcgcg gagtattggg 180
 accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
 tgcgcggcta ctacaaccag agcgaggcgg ggtctcacac cctccagagc atgtacggct 300
 gcgacctggg gcccgagcgg cgctcctcc gcgggcatga ccagtacgcc tacgacggca 360
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 agatcaccca gcgcaagtgg gaggcggccc gtgtggcgga gcagctgaga gcctacctgg 480
 agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
 gcgcgg 546

<210> 1457
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1457

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cgagtccgag gaaggagccg cgggcgccat ggatagagca ggaggggccc gagtattggg	180
accggaacac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc	240
tgcgcggtta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccggagcgg cgctctctcc gcgggcataa ccagtacgcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctcctggac cgccgaggac acggcggtc	420
agatctccca gcgcaagtgg gaggcgcccc gtgtggcgga gcagctgaga gcctacctgg	480
agggcgagtg cgtggagtggt ctccgcagat acctggagaa cgggaaggac aagctggagc	540
gcgcgtg	546

<210> 1458
 <211> 546
 <212> DNA
 <213> Homo sapiens

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tgcgcggtta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccggagcgg cgctctctcc gcgggcataa ccagtacgcc tacgacggca	360
aagattacat cgccctgaac gaggacctga gctcctggac cgcgcgaggac acggcggtc	420
agatcaccca gcgcaagtgg gaggcgcccc gtgaggcgga gcagctgaga gcctacctgg	480
agggcctgtg cgtggagtggt ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 1459
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1459	
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gcgacgtggg gccggacggg cgccctctcc gcgggcataa ccagaacgcc tacgacggca	360
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agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagctgaga gcctacctgg	480
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<210> 1460
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1460	
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cgagtccgag gaaggagccg cgggcgccat ggatagagca ggaggggccc gagtattggg	180
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tgcgcggtta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtatggct	300
gcgacctggg gccggacggg cgccctctcc gcgggcataa ccagtacgcc tacgacggca	360
aagattacat cgccctgaac gaggacctga gctcctggac cgccgcgac accgcggctc	420
agatcaccca gcgcaagtgg gaggcgccc gtgaggcgga gcagctgaga gcctacctgg	480
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<210> 1461
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1461	
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cgagtccgag gaaggagccg cgggcgccat ggatagagca ggaggggccc gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc	240
tgcgcggtta ctacaaccag agcgaggccg ggtctcacac cctccagagc atgtacggct	300
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agatcaccca gcgcaagtgg gaggcgccc gtgtggcgga gcagctgaga gcctacctgg	480
agggcgagtg cgtggagtgg ctccgcagat acctggagaa cggaagggag acgtgcagc	540

gcgcgg

546

<210> 1462
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 gcgacgtggg gccggagcgg cgctcctcc gcgggcataa ccagtacgcc tacgacggca 360
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 agatctccca gcgcaagttg gaggcggccc gtgtggcgga gcagctgaga gctacctgg 480
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 gcgctg 546

<210> 1463
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1463
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 cgagtcgag gaaggagcgg cgggcgcat ggatagagca ggagggccg gagtattggg 180
 accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
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 gcgacgtggg gccggagcgg cgctcctcc gcgggcataa ccagtacgcc tacgacggca 360
 aggattacat cgccctgaac gaggacctgc gctcctggac cgccgcgac acggcggtc 420
 agatctccca gcgcaagttg gaggcggccc gtgtggcgga gcagctgaga gctacctgg 480
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 gcgctg 546

<210> 1464
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1464

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<210> 1465
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 <212> DNA
 <213> Homo sapiens

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accgggagac	acagatctcc
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agatctccca gcgcaagttg gaggcgccc gtgtggcgga gcagtgaga gcctacctgg	480
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gcgctg	546

<210> 1467
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 <212> DNA
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<210> 1468
 <211> 546
 <212> DNA
 <213> Homo sapiens

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546

<210> 1469
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 <212> DNA
 <213> Homo sapiens

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 cgagtcgag gaaggagccg cgggcgcat ggatagagca ggagggccg gagtattggg 180
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<210> 1470
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1470
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 cgagtcgag gaaggagccg cgggcgcat ggatagagca ggagggccg gagtattggg 180
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<210> 1471
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 <212> DNA
 <213> Homo sapiens

<400> 1471

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<210> 1472
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <212> DNA

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<213> Homo sapiens

<400> 1473

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<211> 546

<212> DNA

<213> Homo sapiens

<400> 1474

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<210> 1475

<211> 546

<212> DNA

<213> Homo sapiens

<400> 1475

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<212> DNA
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 <212> DNA
 <213> Homo sapiens
 <400> 1483

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<210> 1484
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1484						
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 <211> 1052
 <212> DNA
 <213> Homo sapiens

<400> 1485						
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<210> 1486
 <211> 822
 <212> DNA
 <213> Homo sapiens

<400> 1486						
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<210> 1487
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1488
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 1488
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<210> 1489
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 <212> DNA
 <213> Homo sapiens

<400> 1489
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 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA
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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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gcgacgtggg gccggacggg cgctcctcc gcgggtatga ccaggacgcc tacgacggca	360
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gcgcgg	546

<210> 1498

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<213> Homo sapiens

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gtggtcatcg gagctgtggt cgctgctgtg atgtgtagga ggaagagctc aggtgga 1017

<210> 1500
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 <212> DNA
 <213> Homo sapiens

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<210> 1501
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1502
 <211> 546
 <212> DNA
 <213> Homo sapiens

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agggcgagtg cgtggagtg ctccgcagat acctggagaa cgggaaggag acgtgcagc 540
gcgcgg 546
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<211> 546
<212> DNA
<213> Homo sapiens
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cgagtcgag gaaggagccg cgggcgccat ggatagagca ggaggggccc gagtattggg 180
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gcgcgg 546
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<211> 619
<212> DNA
<213> Homo sapiens
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cgcggggagc ccgcttcat caccgtgggc tacgtggacg acacgtgtt cgtgaggtc 180
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 <212> DNA
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gcgcgg 546

<210> 1507
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<212> DNA
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gcgcgg 546

<210> 1508
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1509
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<212> DNA

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<213> Homo sapiens

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<210> 1510
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 gcgcgg 546

<210> 1511
 <211> 822
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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gcgcgg	
546	

<210> 1513
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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<210> 1515
 <211> 895
 <212> DNA
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 <211> 546
 <212> DNA
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<210> 1517
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcgcgg 546

<210> 1518
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 1518
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cgcggggagc cccgcttcat caccgtgggc tacgtggacg acacgctgtt cgtgaggttc 180
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tcttcccagt ccaccatccc catcgtgggc attgttctgt gcctggctgt cctagcagtt 960
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<210> 1519
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1519
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cgagtccgag gaaggagccg cgggcgcat ggatagagca ggaggggccg gagtattggg 180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
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gcgacctggg gcccgacggg cgctctctcc gcgggtataa ccagttcgcc tacgacggca	360
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agatcaccca gcgcaagtgg gaggcgggccc gtgtggcgga gcaggacaga gcctacctgg	480
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gcgcgg	546

<210> 1520
 <211> 546
 <212> DNA
 <213> Homo sapiens

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cgagtcgag gaaggagccg cggcgccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc	240
tgcgcgcta ctacaaccag agcagggccg ggtctcacac ttggcagagg atgtatggct	300
gcgacctggg gcccgacggg cgctctctcc gcgggtataa ccggttagcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gctcctggac cgcggcggac accgcggctc	420
agatcaccca gcgcaagtgg gaggcgggccc gtgtggcgga gcaggacaga gcctacctgg	480
agggcctgtg cgtggagtcg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 1521
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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gagacctggg ccggctccca ctccatgagg tatttccaca ccgccatgtc ccggcccggc	120
cgcggggagc cccgcttcat caccgtgggc tacgtggacg acacgctgtt cgtgaggttc	180
gacagcgac ccacgagtc gaggaaggag ccgcgggcgc catggataga gcaggagggg	240
ccggagtatt gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag	300
agcctcgga acctgcgcgg ctactacaac cagagcgagg ccgggtctca cacttggcag	360
aggatgatg gctgcgacct ggggcccagc gggcgccctc tcgcgggta taaccagtta	420
gcctacgacg gcaaggatta catcgccctg aacgaggacc tgagctcctg gaccgcggcg	480
gacaccgcgg ctacagatcac ccagcgcaag tgggaggcgg ccggtgtggc ggagcaggac	540
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tcttcccagt	ccaccatccc	catcgtgggc	attgttgctg	gcctggctgt	cctagcagtt	960
gtggtcatcg	gagctgtggt	cgctactgtg	atgtgtagga	ggaagagctc	aggtgga	1017

<210> 1522
 <211> 543
 <212> DNA
 <213> Homo sapiens

<400> 1522	
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ttccacaccg	ccatgtcccg
gccccgccgc	ggggagcccc
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gtggacgaca	cgctgttcgt
gaggttcgac	agcgacgcca
120	
cgagtccgag	gaaggagccg
cgggcgccat	ggatagagca
ggaggggccg	gagtattggg
180	
accgggagac	acagatctcc
aagaccaaca	cacagactta
ccgagagagc	ctgcggaacc
240	
tgcgcggcta	ctacaaccag
agcgaggccg	ggtctcacac
ttggcagagg	atgtatggct
300	
gcgacctggg	gcccagcggg
cgctctctcc	gcgggtataa
ccagttagcc	tacgacggca
360	
aggattacat	cgccctgaac
gaggacctga	gctcctggac
cgcgccggac	accgcggctc
420	
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gaggcgggcc	gtgtggcgga
gcaggacaga	gtctacctgg
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cgggaaggag	acgtgcgagc
540	
gcg	
543	

<210> 1523
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1523	
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ttccacaccg	ccatgtcccg
gccccgccgc	ggggagcccc
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gcttcacac	cgtagggctac
gtggacgaca	cgctgttcgt
gaggttcgac	agcgacgcca
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cgggcgccat	ggatagagca
ggaggggccg	gagtattggg
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agcgaggccg	ggtctcacac
ttggcagagg	atgtatggct
300	
gcgacctggg	gcccagcggg
cgctctctcc	gcgggtataa
ccagttagcc	tacgacggca
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gaggacctga	gctcctggac
cgcgccggac	accgcggctc
420	

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agggcctgtg	cgtggagtcg	ctccgcagat	acctggagaa	cggaaggag	acgctgcagc	540
gcgcgg						546

<210> 1524
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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cgcggggagc	cccgtctcat	cgagtgggc tacgtggacg acaccagatt cgtgaggttc 180
gacagcgacg	ccgcgagtc	gaggatggcg ccccgggcgc catggataga gcaggagggg 240
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agcctgcgga	acctgcgcgg	ctactacaac cagagcgagg ccgggtctca caccctccag 360
aggatgtacg	gctgcgacgt	ggggccggac gggcgctctc tccgcgggca tgaccagtc 420
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<210> 1525
 <211> 546
 <212> DNA
 <213> Homo sapiens

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cgagtccgag	gatggcgccc	cgggcgccat ggatagagca ggagggggcg gagtattggg 180
accgggagac	acagaagtac	aagcgccagg cacagactgg ccgagtgagc ctgcggaacc 240
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gcgacgtggg gccggacggg cgcctcctcc gcgggcatga ccagtcgcc tacgacggca	360
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agatcaccca gcgcaagtgg gaggcggccc gtgaggcgga gcagtggaga gcctacctgg	480
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gcgcgg	546

<210> 1526
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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cgcggggagc ccgccttcat caccgtgggc tacgtggacg acacgctgtt cgtgaggttc	180
gacagcgacg ccacgagtc gaggaaggag ccgcgggcgc catggataga gcaggagggg	240
ccggagtatt gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag	300
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tggcagcggg atggcgagga ccaaactcag gacactgagc ttgtggagac cagaccagca	780
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tcttcccagt ccaccgtccc catcgtgggc attgtgtgct gcctggctgt cctagcagtt	960
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<210> 1527
 <211> 904
 <212> DNA
 <213> Homo sapiens

<400> 1527 gcgggtcacg gcgccccgaa cctcctcct gctgctctgg ggggcagtgg ccctgaccga	60
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ggagtattgg	gaccgggaga	cacagatctc	caagaccaac	acacagactt	accgagagag	300
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agatagaacc	ttccagaagt	gggcagctgt	ggtggtgcct	tctggagaag	agcagagata	840
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ttcc						904

<210> 1528
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcgcgg						546

<210> 1529
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcgcgg						546

<210> 1530
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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cgcggggag	cccgtctat	ctcagtggc	tacgtggag	acaccagtt	cgtgaggtc	180
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<210> 1531
 <211> 993

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<212> DNA
<213> Homo sapiens

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<210> 1532
<211> 546
<212> DNA
<213> Homo sapiens

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agatctccca gcgcaagtgt gaggcgccc gtgtggcgga gcagctgaga gcctacctgg 480
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gcgctg

546

<210> 1533
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 <212> DNA
 <213> Homo sapiens

<400> 1533
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 cgagtcgag agaggagcgg cgggcgccgt ggatagagca ggaggggccg gagtattggg 180
 accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaacc 240
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<210> 1534
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 <212> DNA
 <213> Homo sapiens

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619

<210> 1535
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 cgagtcgag agaggagccg cgggcgccgt ggatagagca ggaggggccg gagtattggg 180
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 cgagtcgag agaggagccg cgggcgccgt ggatagagca ggaggggccg gagtattggg 180
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 <212> DNA
 <213> Homo sapiens

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<210> 1538
<211> 820
<212> DNA
<213> Homo sapiens

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cgggagacac agatctccaa gaccaacaca cagacttacc gagagaacct gcgcaccgag 240
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cagcatgagg	ggctgccgaa	gccccctacc	ctgagatggg			820

<210> 1539
 <211> 546
 <212> DNA
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<210> 1540
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 <212> DNA
 <213> Homo sapiens

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<210> 1541
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 <212> DNA
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<210> 1542
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 1544
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<210> 1547
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<212> DNA
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<210> 1548
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 <212> DNA
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<210> 1549
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 <212> DNA
 <213> Homo sapiens

<400> 1549		
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cgcggggagc	cccgttcat	cgcaagtggc tacgtggacg acaccagtt cgtgaggttc 180
gacagcgacg	ccgcgagtc	gaggacggag ccccgggcgc catgtagata gcaggagggg 240
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gcctacgacg	gcaaagatta	catcgccttg	aacgaggacc	tgagctcctg	gaccgcggcg	480
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<210> 1550
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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ccggagtatt	gggaccggaa	cacacagatc
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gagacgctgc	agcgcgcgga	ccccccaaag
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ggagatagaa	ccttcagaa	gtgggcagct
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<210> 1551
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 <212> DNA
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<210> 1552
 <211> 822
 <212> DNA
 <213> Homo sapiens

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 cgagtcagag gacggagccc cgggcgccat ggatagagca ggaggggccc gagtattggg 180
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 cgctccgcta ctacaaccag agcagggccg ggtctcacac ttggcagacg atgtatggct 300
 gcgacgtggg gccggacggg cgctctctcc gcgggcataa ccagtacgcc tacgacggca 360
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 <211> 546
 <212> DNA
 <213> Homo sapiens

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gaggttcgac	agcgacgccg
	120
cgagtcagag	gacggagccc
cgggcgcat	ggatagagca
ggagggcccg	gagtattggg
	180
accggaacac	acagatcttc
aagaccaaca	cacagactta
ccgagagaac	ctgcggatcg
	240
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agcgaggccg	ggtctcacac
ctccagagg	atgtacggct
	300
gcgacgtggg	gccggagcgg
cgctcctcc	gcgggcataa
ccagtacgcc	tacgacggca
	360
aagattacat	cgccctgaac
gaggacctga	gctcctggac
cgcggcggac	accgcggctc
	420
agatcaccca	gcgcaagtgg
gaggcgcccc	gtgaggcgga
gcagctgaga	gcctacctgg
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gcgcgg	
	546

<210> 1554
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gaggttcgac	agcgacgccg
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cgagtcagag	gacggagccc
cgggcgcat	ggatagagca
ggagggcccg	gagtattggg
	180
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aagaccaaca	cacagactta
ccgagagaac	ctgcggatcg
	240
cgctccgcta	ctacaaccag
agcgaggccg	ggtctcacac
ttggcagacg	atgtatggct
	300
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cgctcctcc	gcgggcataa
ccagtacgcc	tacgacggca
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gaggacctga	gctcctggac
cgcggcggac	accgcggctc
	420

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gcgcgg						546

<210> 1555
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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ccggagtatt	gggaccgga	cacacagatc
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tggcagcggg	atggcgagga	ccaaactcag
ggagatagaa	ccttcagaa	gtgggcagct
tacacatgcc	atgtacagca	tgaggggctg
tcttcccagt	ccaccatccc	catcgtgggc
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		atgtgtagga
		ggaagagctc
		aggtgga
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<210> 1556
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1556		
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cgagtcagag	gacggagccc	cgggcgccat
accggaacac	acagatcttc	aagaccaaca
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		ttggcagacg
		atgtatggct
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gcgcgg	546

<210> 1557
 <211> 677
 <212> DNA
 <213> Homo sapiens

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<210> 1558
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1558 gctcccactc catgaggtat ttctacaccg ccatgtcccg gccggccgcg ggggagcccc	60
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<210> 1559
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 gcgcgg 546

<210> 1560
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1561
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<212> DNA
<213> Homo sapiens

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<210> 1562
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1563
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<212> DNA
<213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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	120
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cgggcgccat	ggatagagca
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<210> 1566
 <211> 546
 <212> DNA
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<210> 1567
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 agggcctgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc 540
 gcgcgg 546

<210> 1568
 <211> 546

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<212> DNA
<213> Homo sapiens

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cgagtccgag gacggagccc cgggcgccat ggatagagca ggaggggccc gagtattggg 180
accggaacac acagatcttc aagaccaaca cacagactta ccgagagaac ctgcggatcg 240
cgctccgcta ctacaaccag agcgaggccg ggtctcacac ttggcagacg atgtatggct 300
gcgacgtggg gccggacggg cgctctctcc gcgggcataa ccagtacgcc tacgacggca 360
aagattacat cgccctgaac gaggacctga gctcctggac cgcgcgggac accgcggctc 420
agatcaccca gcgcaagtgg gaggcgggccc gtgaggcgga gcagctgaga gcctacctgg 480
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gcgcgg 546

<210> 1569
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1569
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cgagtccgag gacggagccc cgggcgccat ggatagagca ggaggggccc gagtattggg 180
accggaacac acagatctgc aagaccaaca cacagactta ccgagagaac ctgcggatcg 240
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gcgacgtggg gccggacggg cgctctctcc gcgggcataa ccagtacgcc tacgacggca 360
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agatcaccca gcgcaagtgg gaggcgggccc gtgaggcgga gcagctgaga gcctacctgg 480
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gcgcgg 546

<210> 1570
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1570
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gttctattgc agtgggctac gtggacgaca cccagttcgt gaggttcgac agcgacgccg 120
cgagtccgag gacggagccc cgggcgccat ggatagagca ggaggggccc gagtattggg 180

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accggaacac	acagatcttc	aagaccaaca	cacagactta	ccgagagaac	ctgcgcatcg	240
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gcgacgtggg	gccggacggg	cgctcctcc	gcgggcataa	ccagtacgcc	tacgacggca	360
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agatcaccca	gcgcaagtgg	gaggcgccc	gtgaggcgga	gcagctgaga	gcctacctgg	480
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gcgcgg						546

<210> 1571
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gtggacgaca	cccagttcgt
gaggttcgac	agcgacgccg
	120
cgagtcagag	gacggagccc
cgggcgccat	ggatagagca
ggaggggccc	gagtattggg
	180
accggaacac	acagatcttc
aagaccaaca	cacagactta
ccgagagaac	ctgcgcatcg
	240
cgctccgcta	ctacaaccag
agcgaggccg	ggtctcacac
ttggcagacg	atgtatggct
	300
gcgacgtggg	gccggacggg
cgctcctcc	gcgggcataa
ccagtacgcc	tacgacggca
	360
aggattacat	cgcctgaac
gaggacctgc	gctcctggac
cgcggcgga	accgcggctc
	420
agatcaccca	gcgcaagtgg
gaggcgccc	gtgaggcgga
gcagctgaga	gcctacctgg
	480
agggcctgtg	cgtagagtgc
ctccgcagac	acctggagaa
cgggaaggag	acgtgcgacg
	540
gcgcgg	
	546

<210> 1572
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1572	
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ttctacaccg	ccatgtcccg
gcccggccgc	ggggagcccc
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gtggacgaca	cccagttcgt
gaggttcgac	agcgacgccg
	120
cgagtcagag	gacggagacc
cgggcgccat	ggatagagca
ggaggggccc	gagtattggg
	180
accggaacac	acagatcttc
aagaccaaca	cacagactta
ccgagagaac	ctgcgcatcg
	240
cgctccgcta	ctacaaccag
agcgaggccg	ggtctcacac
ttggcagacg	atgtatggct
	300
gcgacgtggg	gccggacggg
cgctcctcc	gcgggcataa
ccagtacgcc	tacgacggca
	360
aagattacat	cgcctgaac
gaggacctga	gctcctggac
cgcggcgga	accgcggctc
	420

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agatcaccca	gcgcaagtgg	gaggcgcccc	gtgaggcgga	gcagctgaga	gcctacctgg	480
agggcctgtg	cgtggagtgg	ctccgcagac	acctggagaa	cgggaaggag	acgctgcagc	540
gcgcgg						546

<210> 1573
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcttcattgc	agtggtctac	gtggacgaca	cccagttcgt	gaggttcgac	agcgacgccg	120
cgagtcagag	gacggagccc	cgggcgcat	ggatagagca	ggagggcgcg	gagtattggg	180
accggaacac	acagatcttc	aagaccaaca	cacagactta	ccgagagaa	ctgcggatcg	240
cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacac	ttggcagacg	atgtatggct	300
gcgacgtggg	gccggagcgg	cgctcctcc	gcgggcataa	ccagtacgcc	tacgacggca	360
aagattacat	cgccctgaac	gaggacctga	gctcctggac	cgcgccggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcgcccc	gtgaggcgga	gcagctgaga	gcctacctgg	480
agggcctgtg	cgtggagtgg	ctccgcagac	acctggagaa	cgggaaggag	acgctgcagc	540
gcgcgg						546

<210> 1574
 <211> 822
 <212> DNA
 <213> Homo sapiens

<400> 1574						
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cgagtcagag	gacggagccc	cgggcgcat	ggatagagca	ggagggcgcg	gagtattggg	180
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cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacac	ttggcagacg	atgtatggct	300
gcgacgtggg	gccggagcgg	cgctcctcc	gcgggcataa	ccagtacgcc	tacgacggca	360
aagattacat	cgccctgaac	gaggacctga	gctcctggac	cgcgccggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcgcccc	gtgaggcgga	gcagcgagga	gcctacctgg	480
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tgaggtgctg	ggccctgggg	ttctaccctg	cggagatcac	actgacctgg	cagcgggatg	660
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<210> 1575
 <211> 822
 <212> DNA
 <213> Homo sapiens

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	cgagtccgag	gacggagccc	cgggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
	accggaacac	acagatcttc	aagaccaaca	cacagactta	ccgagagaac	ctgcggatcg	240
	cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacac	ttggcagacg	atgtatggct	300
	gcgacgtggg	gccggacggg	cgctcctccc	gcgggcataa	ccagtacgcc	tacgacggca	360
	aagattacat	cgccctgaac	gaggacctga	gctcctggac	cgcgccggac	accgcggctc	420
	agatcaccca	gcgcaagtgg	gaggcgcccc	gtgaggcgga	gcagctgaga	gcctacctgg	480
	agggcctgtg	cgtagagtgg	ctccgcagac	acctggagaa	cggaagggag	acgtgcagc	540
	gcgcgagacc	cccaaaagca	cacgtgaccc	accacccctg	ctctgacctt	gaggccaccc	600
	tgaggtgctg	ggccctgggg	ttctaccctg	cggagatcac	actgacctgg	cagcgggatg	660
	gcgaggacca	aactcaggac	actgagcttg	tggagaccag	accagcagga	gatggaacct	720
	tccagaagtg	ggcagctgtg	gtggtgcctt	ctggagaaga	gcagagatac	acatgccatg	780
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<210> 1576
 <211> 546
 <212> DNA
 <213> Homo sapiens

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	cgagtccgag	gacggagccc	cgggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
	accggaacac	acagatcttc	aagaccaaca	cacagactta	ccgagagaac	ctgcggatcg	240
	cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacac	ttggcagacg	atgtatggct	300
	gcgacgtggg	gccggacggg	cgctcctccc	gcgggcataa	ccagtacgcc	tacgacggca	360
	aagattacat	cgccctgaac	gaggacctga	gctcctggac	cgcgccggac	accgcggctc	420
	agatcaccca	gcgcaagtgg	gaggcgcccc	gtgtggcgga	gcagctgaga	gcctacctgg	480

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gcgcgg 546

<210> 1577
<211> 822
<212> DNA
<213> Homo sapiens

<400> 1577
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cgagtcagag gacggagccc cgggcgcat ggatagagca ggaggggccc gagtattggg 180
accggaacac acagatcttc aagaccaaca cacagactta ccgagagaac ctgcggatcg 240
cgctccgcta ctacaaccag agcgaggccg ggtctcacac ttggcagacg atgtatggct 300
gcgacgtggg gccggacggg cgctctctcc gcgggcataa ccagtacgcc tacgacggca 360
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tccagaagtg ggcagctgtg gtggtgcctt ctggagaaga gcagagatac acatgccatg 780
tacagcatga ggggctgctg aagcccctca ccctgagatg gg 822

<210> 1578
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1578
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gcttcattgc agtgggctac gtggacgaca cccagttcgt gaggttcgac agcgacgccg 120
cgagtcagag gacggagccc cgggcgcat ggatagagca ggaggggccc gagtattggg 180
accggaacac acagatcttc aagaccaaca cacagactta ccgagagaac ctgcggatcg 240
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gcgacgtggg gccggacggg cgctctctcc gcgggcataa ccagtacgcc tacgacggca 360
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agatcaccca gcgcaagtgg gaggcgccc gtgaggcgga gcagctgaga gcctacctgg 480
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gcgcgg

546

<210> 1579
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 cgagtccgag gacggagccc ggggcgccat ggatagagca ggaggggccc gagtattggg 180
 accggaacac acagatcttc aagaccaaca cacagactta ccgagagaac ctgcggatcg 240
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 gcgcgg 546

<210> 1580
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<400> 1580
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 cgcggggagc cccgcttcat cgagtgggc tacgtggacg acaccagatt cgtgaggttc 180
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 aacctgcgga tcgcgctccg ctactacaac cagagcgagg ccgggtctca cacttggcag 360
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<210> 1581
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 <212> DNA
 <213> Homo sapiens

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gggagccccg	cttcattgca
120	
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ccagttcgtg	aggttcgaca
gcgacgccgc	gagtcgaggg
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gatagagcag	gagggggccg
agtattggga	ccgggagaca
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acagacttac	cgagagaacc
tcggatcgc	gtccgctac
300	
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gtctcact	tggcagacga
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cctacctgga	gggctgtgc
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tggagaagag	cagagataca
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993	

<210> 1582
 <211> 546
 <212> DNA
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<400> 1582	
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tggacgaca	cccagttcgt
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ggagggggccg	gagttatggg
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aagaccaaca	cacagactta
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240	

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gcgcgg	546

<210> 1583
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 <212> DNA
 <213> Homo sapiens

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accgggagac acagatctcc aagaccaaca cacagactta ccagagaaac ttgcggatcg	240
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 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1584 gctccactc catgaggtat ttctacaccg ccatgtcccg gcccgccgcg ggggagcccc	60
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cgctccgcta ctacaaccag agcgaggccg ggtctcacac ttggcagacg atgtatggct	300
gcgacgtggg gccggacggg cgctctctcc gcgggcataa ccagtacgcc tacgacggca	360
aagattacat cgccctgaac gaggacctga gctcctggac cgcgcgccgac accgcggctc	420
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gcgcgg 546

<210> 1585
<211> 546
<212> DNA
<213> Homo sapiens

<400> 1585
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cgagtcgag gacggagccc cgggcgccat ggatagagca ggaggggccc gagtattggg 180
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<210> 1586
<211> 1012
<212> DNA
<213> Homo sapiens

<400> 1586
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gctacgacg gcaaagatta catcgccctg aacgaggacc tgagctcctg gacccgggcg 480
gacaccggcg ctcatatcac ccagcgcaag tgggaggcgg ccgctgaggc ggagcagctg 540
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<210> 1587
 <211> 546
 <212> DNA
 <213> Homo sapiens

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	cgagtcag	gacggagccc	cgggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
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	cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacac	ttggcagacg	atgtatggct	300
	gcgacgtggg	gccggacggg	cgctctctcc	gcgggcataa	ccagtacgcc	tacgacggca	360
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	agatcaccca	gcgcaagtgg	gaggcgggcc	gtgaggcgga	gcagctgaga	gcctacctgg	480
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	gcgcgg						546

<210> 1588
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 <212> DNA
 <213> Homo sapiens

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	aacctgcgga	tcgcgtcccg	ctactacaac	cagagcgagg	ccgggtctca	catcatccag	360
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	gacaccgcgg	ctcagatcac	ccagcgcaag	tgggaggcgg	cccgtgtggc	ggagcagctg	540
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tggcagcggg atggcgagga ccaaactcag gacactgagc ttgtggagac cagaccagca	780
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<210> 1589
 <211> 546
 <212> DNA
 <213> Homo sapiens

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cgagtcagag gacggagccc cgggcgcat ggatagagca ggagggccg gagtattggg	180
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gcgacctggg gcccgagcgg cgctctctcc gcgggcatga ccagtcgcc tacgacggca	360
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<210> 1590
 <211> 546
 <212> DNA
 <213> Homo sapiens

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tgctccgcta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtatggct	300
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gcgcgg 546

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<212> DNA
<213> Homo sapiens

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cgagtccgag gacggagccc cgggcgccat ggatagagca ggaggggccg gagtattggg 180
accggaacac acagatcttc aagaccaaca cacagactta ccgagagaac ctgcggatcg 240
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gcgcgg 546

<210> 1592
<211> 546
<212> DNA
<213> Homo sapiens

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cgagtccgag gacggagccc cgggcgccat ggatagagca ggaggggccg gagtattggg 180
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gcgcgg 546

<210> 1593
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<212> DNA

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<213> Homo sapiens

<400> 1593

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cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtatggct	300
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<210> 1594

<211> 546

<212> DNA

<213> Homo sapiens

<400> 1594

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cgagtcgag	gacggagccc	cgggcgcat	ggatagagca	ggaggggccg	gagtattggg	180
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<210> 1595

<211> 546

<212> DNA

<213> Homo sapiens

<400> 1595

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 <213> Homo sapiens

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gaggttcgac	agcgacgccg
120	
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cgggcgccat	ggatagagca
ggagggcccg	gagtattggg
180	
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ccgagagaac	ctgcgcaccg
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agcgaggccg	ggtctcacat
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ccagtccgcc	tacgacggca
360	
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gaggacctga	gctcctggac
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gaggcgggcc	gtgtggcgga
gcagctgaga	gcctacctgg
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540	
gcgcgg	
546	

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 <212> DNA
 <213> Homo sapiens

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ctccatgagg	tatttctaca
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acacgcagtt	cgtagcggtc
180	
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gagaggggag	ccgcggggcg
cgtaggtgga	gcaggagggg
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cacacagatc	tacaaggccc
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ctactacaac	cagagcgagg
ccgggtctca	cacttggcag
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ggggccggac	ggggcgctct
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480	

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 <213> Homo sapiens

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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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 <211> 546
 <212> DNA
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 <212> DNA
 <213> Homo sapiens

<400> 1603

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 <212> DNA
 <213> Homo sapiens

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<210> 1605

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<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1606
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 1607
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<212> DNA
<213> Homo sapiens

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 <213> Homo sapiens

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<210> 1609
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<400> 1609		
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<210> 1610
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 <212> DNA
 <213> Homo sapiens

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<210> 1611
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<212> DNA
<213> Homo sapiens

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<210> 1612
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 1612
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 1615
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 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1618
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1619
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <211> 1017
 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1623
 <211> 1017

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<212> DNA
<213> Homo sapiens

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<210> 1624
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<212> DNA
<213> Homo sapiens

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<210> 1625
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 <212> DNA
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<210> 1626
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1627
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1628
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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ctccatgagg	tatttctaca
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acaccagtt	cgtgaggttc
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420	

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 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 1632
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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<210> 1633
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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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cgcgggggagc cccgcttcac ctcagtgggc tacgtggagc acacgcagtt cgtgaggttc 180
gacagcgacg ccgcgagtcc gagagaggag ccgcggggcg cgtggataga gcaggagggg 240
ccggagtatt gggaccggaa cacacagatc tacaagggcc aggcacagac tgaccgagag 300
agcctgcgga acctgcgcgg ctactacaac cagagcgagg ccgggtctca caccctccag 360
aggatgtttg gctgcgacct gggggccgac gggcgccctc tccgcgggca taaccagtta 420
gcctacgacg gcaaggatta catcgccctg aacgaggacc tgagctcctg gaccgcggcg 480
gacaccgcgg ctacagatcac ccagcgcaag tgggaggcgg cccgtgtggc ggagcaggac 540
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tttctccagt ccaccatccc catcggtggc attgttgctg gcctggctgt cctagcagtt 960
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<210> 1652
<211> 620
<212> DNA
<213> Homo sapiens

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<400> 1652
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cgcgggggagc cccgcttcac ctcagtgggc tacgtggagc acaccagatt cgtgaggttc 180
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ccggagtatt gggaccggaa cacacagatc tacaagggcc aggcacagac tgaccgagag 300
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aggatgtacg gctgcgacct gggggccgac gggcgccctc tccgcgggta tgaccaggac 420
gcctacgacg gcaaggatta catcgccctg aacgaggacc tgagctcctg gaccgcggcg 480
gacaccgcgg ctacagatcac ccagcgcaag tgggaggcgg cccgtgtggc ggagcaggac 540
agagcctacc tggaggggct gtgctgggag tcgctccgca gatacctgga gaacgggaag 600
gagacgctgc agcgcgcggb

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<210> 1653
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1653
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 cgcggagagc cccgcttcat ctcagtgggc tacgtggacg acacgcagtt cgtgcggttc 180
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 agcctcgga acctgcgcgc ctactacaac cagagcgagg ccgggtctca caccctccag 360
 tggatgtgtg gctgcgacct ggggcccgc gggcgcttc tccgcgggta tgaccagtac 420
 gcctacgacg gcaaggatta catcgccctg aacgaggacc tgcgtctctg gaccgccgcg 480
 gacaccgcgg ctcatgtcac ccagcgcaag tgggaggcgg cccgtgaggc ggagcagcgg 540
 agagcctacc tggagggcac gtgcgtggag ttgctccgca gatacctgga gaacgggaag 600
 gagacgtgc agcgcgcgga acacccaaag acacacgtga ccaccatcc cgtctctgac 660
 catgaggcca cctgagggtg ctgggccctg ggcttctacc ctgcggagat cacactgacc 720
 tggcagtggt atggggagga ccaaaactcag gacaccgagc ttgtggagac caggccagca 780
 ggagatggaa cttccagaa gtgggcagct gtgatgtgtc cttctggaga agagcagaga 840
 tacacgtgcc atgtgcagca cgaggggctg ccggagcccc tcacctgag atgggagccg 900
 tcttcccagc ccaccatccc catcgtgggc atcgttgctg gcctggctgt cctggctgtc 960
 ctagctgtcc taggagctgt ggtggctgtt gtgatgtgta ggaggagag ctacagtgga 1020
 aaaggagggg gctgctctca ggctgcgtcc agcaacagtg ccaggggctc tgatgagtct 1080
 ctatcgcgtt gtaa 1094

<210> 1654
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1654
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 gagacctggg cctgtccca ctccatgaag tatttcttca catccgtgtc ccggcctggc 120
 cgcggagagc cccgcttcat ctcagtgggc tacgtggacg acacgcagtt cgtgcggttc 180
 gagacgcagc ccgcgagtcc gagaggggag ccgcgggcgc cgtgggtgga gcaggagggg 240
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gcctacgacg	gcaaggatta	catcgccttg	aacgaggacc	tgcgtccttg	gaccgccgcg	480
gacaccgcgg	ctcagatcac	ccagcgcaag	tgggaggcgg	cccgtgaggc	ggagcagcgg	540
agagcctacc	tggagggcac	gtgcgtggag	tggctccgca	gatacctgga	gaacgggaa	600
gagacgctgc	agcgcgcgga	acacccaaag	acacacgtga	cccaccatcc	cgtctctgac	660
catgaggcca	ccctgaggtg	ctgggccctg	ggcttctacc	ctgcggagat	cacactgacc	720
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tacacgtgcc	atgtgcagca	cgaggggctg	ccggagcccc	tcaccctgag	atgggagccg	900
tcttcccagc	ccaccatccc	catcgtgggc	atcgttgctg	gcctggctgt	cctggctgtc	960
ctagctgtcc	taggagctgt	ggtggctgtt	gtgatgtgta	ggaggaagag	ctcagggtgga	1020
aaaggaggga	gctgctctca	ggctgcgtcc	agcaacagtg	cccagggtc	tgatgagttc	1080
ctcatcgctt	gtaa					1094

<210> 1655
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1655		
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gagacctggg	cctgctccca	ctccatgaag
cgcgagagc	cccgttcat	ctcagtgggc
gacagcgacg	ccgcgagtcc	gagaggggag
ccggagtatt	gggaccggga	gacacagaag
agcctcggga	acctgcgcgg	ctactacaac
tggatgtgtg	gctgcgacct	ggggcccgac
gcctacgacg	gcaaggatta	catcgccttg
gacacggcgg	ctcagatcac	ccagcgcaag
agagcctacc	tggagggcac	gtgcgtggag
gagacgctgc	agcgcgcgga	acacccaaag
catgaggcca	ccctgaggtg	ctgggccctg
tggcagcggg	atggcgagga	ccaaactcag
ggagatggaa	ccttccagaa	gtgggcagct

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tacacgtgcc	atgtgcagca	cgaggggctg	ccagagcccc	tcaccctgag	atgggagcca	900
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ctagctgtcc	taggagctgt	gatggctgtt	gtgatgtgta	ggaggaagag	ctcaggtgga	1020
aaaggagggg	gctgctctca	ggctgcgtcc	agcaacagtg	cccagggctc	tgatgagtct	1080
ctcatcgctt	gtaa					1094

<210> 1656
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400>	1656	
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cggtgtcccg	gcctggccgc	ggagagcccc
		60
gcttcatctc	agtgggctac	gtggacgaca
cgcagttcgt	gcggttcgac	agcgacgccg
		120
cgagtcgag	aggggagccg	cgggcgccgt
gggtggagca	ggaggggccc	gagtattggg
		180
accgggagac	acagaagtac	aagcgccagg
cacagactga	ccgagtgaag	ctcggaacc
		240
tgcgggcta	ctacaaccag	agcgaggccg
ggtctcacac	cctccagagg	atgtctggct
		300
gcgacctggg	gcccgcggg	cgctctctcc
gcgggtatga	ccagtacgcc	tacgacggca
		360
aggattacat	cgccctgaac	gaggacctgc
gctcctggac	cgccgcggac	accgcggctc
		420
agatcaccca	gcgcaagtgg	gaggcgggcc
gtgaggcgga	gcagcggaga	gcctacctgg
		480
agggcacgtg	cgtggagtgg	ctccgcagat
acctggagaa	cggggaaggag	acgctgcagc
		540
gcgcgg		546

<210> 1657
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400>	1657	
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cggtgtcccg	gcctggccgc	ggagagcccc
		60
gcttcatctc	agtgggctac	gtggacgaca
cgcagttcgt	gcggttcgac	agcgacgccg
		120
cgagtcgag	aggggagccg	cgggcgccgt
gggtggagca	ggaggggccc	gagtattggg
		180
accgggagac	acagaagtac	aagcgccagg
cacagactga	ccgagtgaag	ctcggaacc
		240
tgcgggcta	ctacaaccag	agcgaggccg
ggtctcacac	cctccagtgg	atgtgtggct
		300
gcgacctggg	gcccgcggg	cgctctctcc
gcgggtatga	ccagtacgcc	tacgacggca
		360
aggattacat	cgccctgaac	gaggacctgc
gctcctggac	cgccgcggac	accgcggctc
		420
agatcaccca	gcgcaagtgg	gaggcgggcc
gtgtggcgga	gcagcggaga	gcctacctgg
		480
agggcacgtg	cgtggagtgg	ctccgcagat
acctggagaa	cggggaaggag	acgctgcagc
		540
gcgcgg		546

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<210> 1658
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1658
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 gttcatctc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg 120
 cgagtcgag aggggagcgg cgggcgccgt ggggtggagca ggaggggccc gagtattggg 180
 accgggagac acagaagtac aagcgccagg cacagactga ccgagtgagc ctgcggaacc 240
 tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagtgg atgtgtggct 300
 gcgacctggg gcccgacggg cgctcctcc gcaggtatga ccagtacgcc tacgacggca 360
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 agatcaccca gcgcaagtgg gaggcggccc gtgaggcgga gcagcgaga gcctacctgg 480
 agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
 gcgcgg 546

<210> 1659
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1659
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 gttcatctc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg 120
 cgagtcgag aggggagcgg cgggcgccgt ggggtggagca ggaggggccc gagtattggg 180
 accgggagac acagaagtac aagcgccagg cacagactga ccgagtgagc ctgcggaacc 240
 tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagtgg atgtgtggct 300
 gcgacctggg gcccgacggg cgctcctcc gcgggtatga ccagtacgcc tacgacggca 360
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 agatcaccca gcgcaagtgg gaggcggcct gtgaggcgga gcagcgaga gcctacctgg 480
 agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
 gcgcgg 546

<210> 1660
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1660
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gcttcatctc	agtgggctac	gtggacgaca	cgcagttcgt	gcggttcgac	agcgacgccg	120
cgagtcgag	aggggagccg	cgggcgccgt	gggtggagca	ggaggggccg	gagtatggg	180
accgggagac	acagaagtac	aagcgccagg	cacagactga	ccgagtga	ctgcggaacc	240
tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagtgg	atgtgtggct	300
gcgacctggg	gcccgagcgg	cgctctctcc	gcgggtatga	ccagtacgcc	tacgacggca	360
aggattacat	cgccctgaac	gaggacctgc	gctcctggac	cgccgcggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcgcccc	gtgaggcgga	gcagtggaga	gcctacctgg	480
agggcacgtg	ctgtggagtgg	ctccgcagat	acctggagaa	cggaagggag	acgtgcagc	540
gcgcgg						546

<210> 1661
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1661		
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gagacctggg	ctgctccca ctccatgagg tatttctaca ccgctgtgtc ccggcccagc 120	
cgcggagagc	cccacttcat cgcagtgggc tacgtggacg acacgcagtt cgtgcggttc 180	
gacagcgacg	ccgcgagtcc aagaggggag ccgcgggcgc cgtgggtgga gcaggagggg 240	
ccggagtatt	gggaccggga gacacagaag tacaagcgcc aggcacagac tgaccgagtg 300	
aacctgcgga	aactacgcgg ctactacaac cagagcgagg ccgggtctca caccctccag 360	
aggatgtacg	gctgcgacct ggggcccgcg gggcgccctc tccgcgggta tgaccagtcc 420	
gcctacgacg	gcaaggatta catcgccctg aacgaggacc tgcgtcctg gaccgccgcy 480	
gacacagcgg	ctcagatcac ccagcgcaag tgggaggcgg ccctgtgagg ggagcagtg 540	
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gagacgctgc	agcgcgcgga acacccaaag acacacgtga ccaccatcc cgtctctgac 660	
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tggcagcggg	atggcgaggga ccaaactcag gacaccgagc ttgtggagac caggccagca 780	
ggagatggaa	ccttcagaa gtgggcagct gtgggtggcg cttctggaga agagcagaga 840	
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tcttcccagc	ccaccatccc catcgtgggc atcgttgctg gcctggctgt cctggctgtc 960	
ctagctgtcc	taggagctgt ggtggctgtt gtgatgtgta ggaggaagag ctacagtgga 1020	
aaaggaggga	gctgctctca ggctgcgtcc agcaacagtg ccaggggctc tgatgagttc 1080	
ctcatcgctt	gtaa	1094

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<210> 1662
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1662
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 gagacctggg cctgtctcca ctccatgagg tattttctaca ccgctgtgtc ccggcccagc 120
 cgcggagagc cccacttcat cgcagtgggc tacgtggacg acacgcagtt cgtgcggttc 180
 gagacgcagc ccgcgagtcc aagaggggag ccgcggggcg cgtgggtgga gcaggagggg 240
 ccggagtatt gggaccggga gacacagaag tacaagcgcc aggcacagac tgaccgagtg 300
 aacctcgga aactgcgcgg ctactacaac cagagcgagg ccgggtctca cacctccag 360
 aggatgtacg gctgcgacct ggggcccgcg gggcgctctc tccgcgggta tgaccagtcc 420
 gctacgcagc gcaaggatta catcgccctg aacgaggacc tgcgtctctg gaccgccgcg 480
 gacacagcgg ctcatgtcac ccagcgcaag tgggaggcgg cccgtgaggc ggagcagtg 540
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 gagacgtgc agcgcgcgga acacccaaag acacacgtga cccaccatcc cgtctctgac 660
 catgaggcca cctgagggtg ctgggccctg ggcttctacc ctacggagat cacactgacc 720
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 ctagctgtcc taggagctgt ggtggctgtt gtgatgtgta ggaggagag ctacagtgga 1020
 aaaggagggg gctgctctca ggctgcgtcc agcaacagtg cccagggctc tgatgagtct 1080
 ctcatcgctt gtaa 1094

<210> 1663
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1663
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 acttcatcgc agtgggctac gtggacgaca cgcagttcgt gcggttcgac agcgacgccg 120
 cgagtccaag aggggagccg cgggcgccgt ggggtggagca ggaggggccg gagtattggg 180
 accgggagac acagaagtac aagcgccagg cacagactga ccgagtgaac ctgcggaaac 240
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gcgacctggg	gcccgcggg	cgctctctcc	gcgggtatga	ccagtcgcgc	tacgacggca	360
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agatcaccca	gcgcaagtg	gaggcgggcc	gtgaggcgga	gcagtggaga	gcctacctgg	480
agggcgagtg	cgtaggagtg	ctccgcagat	acctggagaa	cggaagggag	acgctgcagc	540
gcgcgg						546

<210> 1664
 <211> 1015
 <212> DNA
 <213> Homo sapiens

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gacagcgacg	cgcgaggtc	240
ccggagtatt	gggaccggga	300
aacctgcgga	aactgcgcg	360
aggatgtacg	gctgcgacct	420
gcctacgacg	gcaaggatta	480
gacacggcgg	ctcagatcac	540
agagcctacc	tgaggggcga	600
gagacgctgc	agcgcgcgga	660
catgaggcca	ccctgaggtg	720
tggcagcggg	atggcgagga	780
ggagatggaa	ccttcagaa	840
tacacgtgcc	atgtgcagca	900
tcttccagc	ccaccatccc	960
ctagctgtcc	taggagctgt	1015

<210> 1665
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1665		
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acttcatcgc	agtggtctac	120
cgagtccaag	aggggagccg	180

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accgggagac	acagaagtac	aagcgccagg	cacagactga	ccgagtgaac	ctgcggaaac	240
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gcgacctggg	gcccagcggg	cgctcctcc	gcgggtatga	ccagtcgcc	tacgacggca	360
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agatcaccca	gcgaagtgg	gaggcgccc	gtgaggcgga	gcagtggaga	gcctacctgg	480
agggcgagt	cgtaggagt	ctccgcagat	acctggagaa	cggaagggag	acgtgcgacg	540
gcgcgg						546

<210> 1666
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1666	
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ttctacaccg	ctgtgtcccg
gcccagccgc	ggagagcccc
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gtggacgaca	cgcagttcgt
gcggttcgac	agcgacgccg
	120
cgagtccaag	aggggagccg
cgggcgccgt	gggtggagca
ggaggggccg	gagtattggg
	180
accgggagac	acagaagtac
aagcgccagg	cacagactga
ccgagtgaac	ctgcggaaac
	240
tgcgcggcta	ctacaaccag
agcgaggccg	ggtctcacac
cctccagagg	atgtacggct
	300
gcgacctggg	gcccagcggg
cgctcctcc	gcgggtatga
ccagtcgcc	tacgacggca
	360
aggattacat	cgccctgaac
gaggacctgc	gctcctggac
cgccgcggac	acagcggtc
	420
agatcaccca	gcgaagtgg
gaggcgccc	gtgtggcgga
gcagtggaga	gcctacctgg
	480
agggcgagt	cgtaggagt
ctccgcagat	acctggagaa
cggaagggag	acgtgcgacg
	540
gcgcgg	
	546

<210> 1667
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1667	
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ttctacaccg	ctgtgtcccg
gcccagccgc	ggagagcccc
	60
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gtggacgaca	cgcagttcgt
gcggttcgac	agcgacgccg
	120
cgagtccaag	aggggagccg
cgggcgccgt	gggtggagca
ggaggggccg	gagtattggg
	180
accgggagac	acagaagtac
aagcgccagg	cacagactga
ccgagtgaac	ctgcggaaac
	240
tgcgcggcta	ctacaaccag
agcgaggccg	ggtctcacac
cctccagagg	atgtacggct
	300
gcgacctggg	gcccagcggg
cgctcctcc	gcgggtatga
ccagtcgcc	tacgacggca
	360
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gaggacctgc	gctcctggac
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	420

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agatcaccca	gcgcaagtgg	gaggcggtccc	gtgaggcgga	gcagtggaga	gcctacctgg	480
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<210> 1668
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1668		
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<210> 1669
 <211> 546
 <212> DNA
 <213> Homo sapiens

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gcgcgg		546

<210> 1670
 <211> 1094

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<212> DNA

<213> Homo sapiens

<400> 1670

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<210> 1671

<211> 1094

<212> DNA

<213> Homo sapiens

<400> 1671

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ctcatcgctt	gtaa					1094

<210> 1672
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1672						
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cgcggggagc	cccacttcat	cgcagtgggc	tacgtggacg	acacgcagtt	cgtgcggttc	180
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 ctcacgcgtt gtaa 1094

<210> 1673
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1673
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 cgcggggagc ccacttcat cgagtgggc tacgtggacg acacgcagtt cgtgcggttc 180
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<210> 1674
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1674
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 cgagtccgag aggggagccg cgggcgccgt gggtaggaca ggaggggccc gagtattggg 180

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accgggagac	acagaagtac	aagcgccagg	cacagactga	ccgagtgagc	ctgcggaacc	240
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gcgacgtggg	acccgacggg	cgctctctcc	gcgggtatga	ccagtacgcc	tacgacggca	360
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<210> 1675
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 <212> DNA
 <213> Homo sapiens

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<210> 1676
 <211> 546

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<212> DNA
 <213> Homo sapiens

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<210> 1677
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 gcgcgg 546

<210> 1678
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1678
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<210> 1679
 <211> 546
 <212> DNA
 <213> Homo sapiens

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	120
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cgggcgccgt	gggtggagca
ggaggggccg	gagtattggg
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aagcgccagg	cacagactga
ccgagtgaac	ctgcggaaac
	240
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	300
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ccagtacgcc	tacgacggca
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	540
gcgcgg	
	546

<210> 1680
 <211> 1015
 <212> DNA
 <213> Homo sapiens

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ccgctgtgtc	ccggcccggc
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	180
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cgtaggtgga	gcaggagggg
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ccgggtctca	catcatccag
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 <212> DNA
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 <212> DNA
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<210> 1683
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1683						
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 <212> DNA
 <213> Homo sapiens

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546

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 <212> DNA
 <213> Homo sapiens

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<210> 1686
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1687
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1688
 <211> 546
 <212> DNA
 <213> Homo sapiens

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546

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA
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<400> 1692

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 <212> DNA
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aggattacat	cgccctgaac
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<210> 1694
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <211> 1094
 <212> DNA
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 <212> DNA
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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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<210> 1704
 <211> 1094
 <212> DNA
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<210> 1705
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1706
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1707
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1708
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 <212> DNA
 <213> Homo sapiens

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<210> 1711
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<212> DNA
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 <212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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1094

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 <212> DNA
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<210> 1720
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<212> DNA
<213> Homo sapiens
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 <212> DNA
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<210> 1724
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 <212> DNA
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<210> 1728
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 <212> DNA
 <213> Homo sapiens

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546

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 <212> DNA
 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1737
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 <212> DNA
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<210> 1738
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1739
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 <213> Homo sapiens

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546

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1741
 <211> 687
 <212> DNA
 <213> Homo sapiens

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<210> 1742
 <211> 1094

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<212> DNA

<213> Homo sapiens

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<210> 1743

<211> 1094

<212> DNA

<213> Homo sapiens

<400> 1743

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1745
 <211> 1094
 <212> DNA
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<210> 1746
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1747
 <211> 681

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<212> DNA

<213> Homo sapiens

<400> 1747

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<210> 1748

<211> 1094

<212> DNA

<213> Homo sapiens

<400> 1748

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<210> 1749
 <211> 1094
 <212> DNA
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<210> 1750
 <211> 546
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 <213> Homo sapiens

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1752
 <211> 1094
 <212> DNA
 <213> Homo sapiens

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<210> 1753
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1753						
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ctcatcgctt	gtaa					1094

<210> 1754
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1755
 <211> 1094
 <212> DNA
 <213> Homo sapiens

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<210> 1756
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1757
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1758
 <211> 1094
 <212> DNA
 <213> Homo sapiens

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<210> 1759
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 1759		
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<210> 1760
 <211> 1094
 <212> DNA
 <213> Homo sapiens

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 <211> 1094
 <212> DNA
 <213> Homo sapiens

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<210> 1762
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<400> 1762
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<210> 1767
 <211> 546
 <212> DNA
 <213> Homo sapiens

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<210> 1769
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 <213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 1771

<211> 1094

<212> DNA

<213> Homo sapiens

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 <211> 1015
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 tccgggcggt gacggagctg gggcggcctg aggcggagta ctggaacagc cagaaggaca 180
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 <212> DNA
 <213> Homo sapiens

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 tccgggcggt gacggagctg gggcggcctg atgaggagta ctggaacagc cagaaggacc 180
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 aggccgtgac cctgcagcgc cgag 264

<210> 2052
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 2052
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 gtgacggagc tggggcggcc tgctgcggag tactggaaca gccagaagga catcctggag 180
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<210> 2053
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 <212> DNA
 <213> Homo sapiens

<400> 2053
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 gtgacggagc tggggcggcc tgctgcggag tactggaaca gccagaagga catcctggag 180
 gagaagcggg cagtgccgga cagggtatgc agacacaact acgagctgga cgagcccgta 240

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<210> 2054
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 <212> DNA
 <213> Homo sapiens

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 tccgggcggt gacggagctg gggcggcctg ctgcggagta ctggaacagc cagaaggaca 180
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 aggccgtgac cctgcagcgc cgag 264

<210> 2055
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 2055
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 tccgggcggt gacggagctg gggcggcctg atgaggagta ctggaacagc cagaaggacc 180
 tcctggagga gaagcgggca gtgccggaca ggaatgtcag acacaactac gagctggctg 240
 ggcccatgac cctgcagcgc cgag 264

<210> 2056
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 2056
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 tccgggcggt gacggagctg gggcggcctg atgaggacta ctggaacagc cagaaggacc 180
 tcctggagga ggagcgggca gtgccggaca gggatatgac acacaactac gagctggacg 240
 aggccgtgac cctgcagcgc cgag 264

<210> 2057
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 2057
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 tggagagata catctacaac cgggaggagt tcgtgcgctt cgacagcgac gtgggggagt 120

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aggccgtgac cctgcag	257

<210> 2058
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 <212> DNA
 <213> Homo sapiens

<400> 2058 agaattacct tttccaggga cggcaggaat gctacgcgtt taatgggaca cagcgcttcc	60
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tccgggcggt gacggagctg gggcggcctg ctgcggagta ctggaacagc cagaaggacc	180
tcctggagga gaagcgggca ttgccggaca ggatgtgcag acacaactac gagctggacg	240
aggccgtgac cctgcagcgc cgag	264

<210> 2059
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 <212> DNA
 <213> Homo sapiens

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tccgggcggt gacggagctg gggcggcctg atgaggtgta ctggaacagc cagaaggaca	180
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<210> 2060
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 <212> DNA
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tccgggcggt gacggagctg gggcggcctg ctgcggagta ctggaacagc cagaaggaca	180
tcctggagga ggagcgggca gtgccggaca ggatgtgcag acacaactac gagctgggcg	240
ggcccatgac cctgcag	257

<210> 2061
 <211> 257
 <212> DNA
 <213> Homo sapiens

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tccgggcggt gacggagctg gggcggcctg ctgcggagta ctggaacagc cagaaggacc 180
tcctggagga gaagcgggca ttgccggaca ggatgtgcag acacaactac gagctggtcg 240
ggcccatgac cctgcag 257
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<210> 2062
<211> 257
<212> DNA
<213> Homo sapiens
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<400> 2062
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tggagagata catctacaac cgggaggagt tcgtgcgctt cgacagcgac gtgggggagt 120
tccgggcggt gacggagctg gggcggcctg atgaggacta ctggaacagc cagaaggaca 180
tcctggagga gaagcgggca gtgccggaca gggatgcag acacaactac gagctggacg 240
aggccgtgac cctgcag 257
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<210> 2063
<211> 264
<212> DNA
<213> Homo sapiens
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<400> 2063
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tggagagata catctacaac cgggaggagc tcgtgcgctt cgacagcgac gtgggggagt 120
tccgggcggt gacggagctg gggcggcctg aggcggagta ctggaacagc cagaaggaca 180
tcctggagga gaagcgggca gtgccggaca ggatgtgcag acacaactac gagctggacg 240
aggccgtgac cctgcagcgc cgag 264
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<210> 2064
<211> 256
<212> DNA
<213> Homo sapiens
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tacatctaca accgggagga gttcgtgcgc ttcgacagcg acgtggggga gttccgggag 120
gtgacggagc tggggcgccc tgatgaggag tactggaaca gccagaagga catcctggag 180
gaggagcggg cagtgccgga cagggtatgc agacacaact acgagctgga cgaggccgtg 240
accctgcagc gccgag 256
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<210> 2065
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<212> DNA
<213> Homo sapiens

<400> 2065
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tacatctaca accgggagga gctcgtgcgc ttcgacagcg acgtggggga gttccgggcg 120
gtgacggagc tggggcggcc tgaggcggag tactggaaca gccagaagga catcctggag 180
gagaagcggg cagtgccgga caggatgtgc agacacaact acgagctgga cgaggccgtg 240
accctgcag 249

<210> 2066
<211> 263
<212> DNA
<213> Homo sapiens

<400> 2066
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tggagagata catctacaac cgggaggagt acgcgcgctt cgacagcgac gtgggggagt 120
tccgggcggt gacggagctg gggcggcctg ctgcggagta ctggaacagc cagaaggaca 180
tcctggagga gaagcgggca gtgccggaca ggatgtgcag acacaactac gagctgggcg 240
ggcccatgac cctgcagcgc cga 263

<210> 2067
<211> 263
<212> DNA
<213> Homo sapiens

<400> 2067
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tggagagata catctacaac cgggaggagt acgcgcgctt cgacagcgac gtgggggagt 120
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tcctggagga gaagcgggca gtgccggaca ggatgtgcag acacaactac gagctggctg 240
ggcccatgac cctgcagcgc cga 263

<210> 2068
<211> 261
<212> DNA
<213> Homo sapiens

<400> 2068
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gagagatata tctacaaccg ggaggagttc gtgcgcttcg acagcgacgt gggggagttc 120
cgggcggtga cggagctggg gcggcctgat gaggagtact ggaacagcca gaaggacttc 180

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ctggaggagg agcgggcagt gccggacagg atgtgcagac acaactacga gctgggcggg 240
 cccatgaccc tgcagcgccg a 261

<210> 2069
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 <212> DNA
 <213> Homo sapiens

<400> 2069
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 tggagagata catctacaac cgggaggagc tcgtgcgctt cgacagcgac gtgggggagt 120
 tccgggcggt gacggagctg gggcggcctg atgaggacta ctggaacagc cagaaggacc 180
 tcctggagga ggagcgggca gtgccggaca gggatatgag acacaactac gagctggagc 240
 aggccgtgac cctgcagcgc cgag 264

<210> 2070
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 2070
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 tacatctaca accgggagga gttcgtgcgc ttcgacagcg acgtggggga gttccgggag 120
 gtgacggagc tggggcggcc tgatgaggag tactggaaca gccagaagga ctcctggag 180
 gagaagcggg cagtgccgga cagggtatgc agacacaact acgagctgga cgaggccgtg 240
 accctgcag 249

<210> 2071
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 2071
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 tccgggcggt gacggagctg gggcggcctg atgaggacta ctggaacagc cagaaggaca 180
 tcctggagga ggagcgggca gtgccggaca ggatgtgag acacaactac gagctgggag 240
 ggcccatgac cctgcagcgc cgag 264

<210> 2072
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 <212> DNA
 <213> Homo sapiens

<400> 2072

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tccggcggtg gacggagctg	gggcggcctg aggcggagta ctggaacagc cagaaggaca	180
tcctggagga ggagcgggca	gtgccggaca ggatgtgcag acacaactac gagctggggc	240
ggcccatgac cctgcagcgc	cgag	264

<210> 2073
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 <212> DNA
 <213> Homo sapiens

<400> 2073		
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gagagataca tctacaaccg	ggaggagctc gtgcgccttc acagcgacgt gggggagttc	120
cgggcggtga cggagctggg	gcccctgat gaggagtact ggaacagcca gaaggacatc	180
ctggaggagg agcgggcagt	gccggacagg atgtgcagac acaactacga gctgggcggg	240
cccatgaccc tgcag		255

<210> 2074
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 <212> DNA
 <213> Homo sapiens

<400> 2074		
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cgggcggtga cggagctggg	gcccctgat gaggagtact ggaacagcca gaaggacatc	180
ctggaggaga agcgggcagt	gccggacagg atgtgcagac acaactacga gctgggcggg	240
cccatgaccc tgcag		255

<210> 2075
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 <212> DNA
 <213> Homo sapiens

<400> 2075		
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gagagataca tctacaaccg	ggaggagtgc gtgcgccttc acagcgacgt gggggagttc	120
cgggcggtga cggagctggg	gcccctgat gaggactact ggaacagcca gaaggacctc	180
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gccgtgaccc tgcag		255

<210> 2076

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<211> 264
<212> DNA
<213> Homo sapiens

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tcctggagga gaagcgggca gtgccggaca ggatgtgcag acacaactac gagctgggag 240
ggcccatgac cctgcagcgc cgag 264

<210> 2077
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<212> DNA
<213> Homo sapiens

<400> 2077
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tccgggcggt gacggagctg gggcggcctg ctgaggagta ctggaacagc cagaaggacc 180
tcctggagga gaagcgggca gtgccggaca gggatgtgcag acacaactac gagctggagc 240
aggccgtgac cctgcag 257

<210> 2078
<211> 257
<212> DNA
<213> Homo sapiens

<400> 2078
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ggcccatgac cctgcag 257

<210> 2079
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<212> DNA
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<400> 2079
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tcctggagga ggagcgggca gtgccggaca gggatgtgcag acacaactac gagctggagc 240

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aggccgtgac cctgcag 257

<210> 2080
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 <212> DNA
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<400> 2080
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 aggccgtgac cctgcag 257

<210> 2081
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 2081
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 gtgacggagc tggggcggcc tgctgcggag tactggaaca gccagaagga cctcctggag 180
 gagaagcggg cagtgccgga cagggtatgc agacacaact acgagctgga cgaggccgtg 240
 accctgcag 249

<210> 2082
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 2082
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 gtgacggagc tggggcggcc tgatgaggac tactggaaca gccagaagga cctcctggag 180
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<210> 2083
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 2083
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cgggcggtga	cggagctggg	gcggcctgct	gcggagtact	ggaacagcca	gaaggacatc	180
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gccgtgaccc	tgacg					255

<210> 2084
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400>	2084					
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tccggcggt	gacggagctg	gggcggcctg	atgaggagta	ctggaacagc	cagaaggacc	180
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ggcccatgac	cctgcag					257

<210> 2085
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400>	2085					
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ggcccatgac	cctgcag					257

<210> 2086
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400>	2086					
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tggagagata	catctacaac	ggggaggagt	tcgtgcgctt	cgacagcgac	gtgggggagt	120
tccggcggt	gacggagctg	gggcggcctg	atgaggagta	ctggaacagc	cagaaggacc	180
tcctgtagga	gaagcgggca	gtgccggaca	gggtatgcag	acacaactac	gagctgggacg	240
aggccgtgac	cctgcagcgc					260

<210> 2087
 <211> 257
 <212> DNA
 <213> Homo sapiens

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<400> 2087
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tccgggcggt gacggagctg gggcggcctg ctgcggagta ctggaacagc cagaaggaca 180
tcctggagga gaagcgggca gtgccggaca ggatgtgcag acacaactac gagctggtcg 240
ggcccatgac cctgcag 257

<210> 2088
<211> 255
<212> DNA
<213> Homo sapiens

<400> 2088
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cgggcggtga cggagctggg gcggcctgct gcggagtact ggaacagcca gaaggacatc 180
ctggaggaga agcgggcagt gccggacagg atgtgcagac acaactacga gctggacgag 240
gccgtgacct tgcag 255

<210> 2089
<211> 255
<212> DNA
<213> Homo sapiens

<400> 2089
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cgggcggtga cggagctggg gcggcctgat gaggactact ggaacagcca gaaggacctc 180
ctggaggagg agcgggcagt gccggacagg atgtgcagac acaactacga gctggacgag 240
gccgtgacct tgcag 255

<210> 2090
<211> 264
<212> DNA
<213> Homo sapiens

<400> 2090
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tccgggcggt gacggagctg gggcggcctg ctgcggagta ctggaacagc cagaaggaca 180
tcctggagga gaagcgggca gtgccggaca gggatgtcag acacaactac gagctggagc 240
aggccgtgac cctgcagcgc cgag 264

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<210> 2091
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 2091
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 gtgacggagc tggggcgcc tgatgaggag tactggaaca gccagaagga catcctggag 180
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<210> 2102
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aggccgtgac cctgcagcgc cgag 264

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aggccgtgac cctgcagcgc cgag 264

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tccgggcggt gacggagctg gggcggcctg atgaggagta ctggaacagc cagaaggaca      180
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<210> 2440
 <211> 529
 <212> DNA
 <213> Homo sapiens

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cgacgtgggg	gtgtaccggg	cggtgacgcc
		120
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cagccagaag	gaagtcctgg	agggggccccg
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ctacgaggtg	gcgtaccgcg	ggatcctgca
		240
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cccatccagg	acagaggccc	tcaaccacca
		300
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ctatccaagc	cacatcaaag	tccggtgggt
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tgtgtccacc	cccctcatta	ggaacggtga
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<211> 529
<212> DNA
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<400> 2444
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<211> 148
<212> DNA
<213> Homo sapiens

<400> 2445
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<210> 2446
<211> 212
<212> DNA
<213> Homo sapiens

<400> 2446
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<210> 2447
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<212> DNA

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<213> Homo sapiens

<400> 2447

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<210> 2448

<211> 529

<212> DNA

<213> Homo sapiens

<400> 2448

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<210> 2449

<211> 449

<212> DNA

<213> Homo sapiens

<400> 2449

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 <212> DNA
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<210> 2451
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 2451	
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<210> 2452
 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 2452	
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 <212> DNA
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<210> 2454
 <211> 248
 <212> DNA
 <213> Homo sapiens

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 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 2455	
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<210> 2456
 <211> 529
 <212> DNA
 <213> Homo sapiens

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<210> 2457
 <211> 248
 <212> DNA
 <213> Homo sapiens

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<210> 2458
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 <213> Homo sapiens

<400> 2458

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<210> 2459
 <211> 247
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 <213> Homo sapiens

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<210> 2460
 <211> 248
 <212> DNA
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<400> 2460	
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gcggcgag	248

<210> 2461
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 <212> DNA
 <213> Homo sapiens

<400> 2461	
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<210> 2462
 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 2462	
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<210> 2463
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 2463	
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gcggcgag	248

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 <212> DNA
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gcggcgag

248

<210> 2465
 <211> 248
 <212> DNA
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<400> 2465
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<210> 2467
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 <213> Homo sapiens

<400> 2467
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tcggaatgac	caggaggaga	caactggcgt	tgtgtccacc	ccccttatta	ggaacgggtga	420
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<210> 2468
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 <212> DNA
 <213> Homo sapiens

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agcggagtgt	gacacgggtg gcagacacaa ctacgaggtg gcgttcgcgc ggatcttgca 240
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caacctgctg	gtctgtctcg tgacagattt ctatccaggc cagatcaaag tccggtgggt 360
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<210> 2469
 <211> 204
 <212> DNA
 <213> Homo sapiens

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gcggagtgtg	acacggtgtg caga 204

<210> 2470
 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 2470	
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<210> 2471
 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 2471	
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caacctgctg	gtctgctcgg tgacagattt ctatccaggc cagatcaaag tccggtggtt 360
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ctggactttc	cagatcctgg tgatgctgga aatgactccc cagcgtggag atgtctacac 480
ctgccacgtg	gagcacccca gcctccagag ccccatcacc gtggagtgg 529

<210> 2472
 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 2472	
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ctgccacgtg	gagcacccca gcctccagag ccccatcacc gtggagtgg 529

<210> 2473
 <211> 529
 <212> DNA
 <213> Homo sapiens

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<400> 2473
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 ctggactttc cagatcctgg tgatgctgga aatgactccc cagcgtggag atgtctacac 480
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<210> 2474
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 2474
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 gcaggggagg cctgttgccg agtactggaa cagccagaag gaagtcctgg agaggaccgg 180
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<210> 2475
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 2475
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 ggcggagttg gacacgggtg gcagacacaa ctacgaggtg gggtagccgc ggtacctgca 240
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<210> 2476
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 2476
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tcgacagcga	cgtgggggtg	taccgggcgg	tgacgccgca	ggggcgccct	gtcgccgagt	120
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<210> 2477
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 2477						
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actggaacag	ccagaaggaa	gtcctggaga	ggaccgggc	ggcgtggac	agggtg	176

<210> 2478
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 2478						
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gcaggggccc	cctgatgccg	agtactggaa	cagccagaag	gaagtccttg	agaggacccc	180
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<210> 2479
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 2479						
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gcaggggccc	cctgttgccc	agtactggaa	cagccagaag	gaagtccttg	aggggacccc	180
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<210> 2480
 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 2480						
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gcaggggccc	cctgttgccc	agtactggaa	cagccagaag	gaagtccttg	agaggacccc	180
ggcggagttg	gacacggtgt	gcagacacaa	ctacgaggtg	gggtaccgcg	ggtacctga	240
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ctggactttc	cagatcctgg	tgatgctgga	aatgactccc	cagcgtggag	atgtctacac	480
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<210> 2481
 <211> 248
 <212> DNA
 <213> Homo sapiens

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		gcagggcgcg	cctagcgccg	agtactggaa	cagccagaag	gaagtcctgg	aggggacccg	180
		ggcggagtgt	gacacggtgt	gcagacacaa	ctacgaggtg	gcgttccgcg	ggatcttgca	240
		gaggagag						248

<210> 2482
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400>	2482	gggcatgtgc	tacttcacca	acgggacgga	gcgcgtgcgt	cttgtgacca	gatacatcta	60
		taaccgagag	gagtacgcgc	gcttcgacag	cgacgtgggg	gtgtaccgcg	cggtgacgcc	120
		gcagggcgcg	cctgatgccg	agtactggaa	cagccagaag	gaagtcctgg	aggggacccg	180
		ggcggagtgt	gacacggtgt	gcagacacaa	ctacgaggtg	gcgttccgcg	ggatcttgca	240
		gagg						244

<210> 2483
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400>	2483	gggcatgtgc	tacttcacca	acgggacgga	gcgcgtgcgt	cttgtaacca	gatacatcta	60
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		gcagggcgcg	cctgatgccg	agtactggaa	cagccagaag	gaagtcctgg	aggggacccg	180
		ggcggagtgt	gacacggtgt	gcagacacaa	ctacgaggtg	gcgttccgcg	ggatcttgca	240
		gaggagag						248

<210> 2484
 <211> 529

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<212> DNA
<213> Homo sapiens

<400> 2484
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taaccgagag gactacgcgc gcttcgacag cgacgtgggg gtgtaccggg cggtgacgcc 120
gcaggggagg cctgttgccg agtactggaa cagccagaag gaagtcctgg aggggacccg 180
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gaggagagtg gagccacag tgaccatctc cccatccagg acagaggccc tcaaccacca 300
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ctgccacgtg gagcaccaca gcctccagag ccccatcacc gtggagtggt 529

<210> 2485
<211> 234
<212> DNA
<213> Homo sapiens

<400> 2485
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taaccgagag gactacgcgc gcttcgacag cgacgtgggg gtgtaccgag cggtgacgcc 120
gcaggggagg cctgttgccg agtactggaa cagccagaag gaagtcctgg aggggacccg 180
ggcggagttg gacacgggtg gcagacacaa ctacgaggtg gcgttccgcg ggat 234

<210> 2486
<211> 248
<212> DNA
<213> Homo sapiens

<400> 2486
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gaggagag 248

<210> 2487
<211> 248
<212> DNA
<213> Homo sapiens

<400> 2487
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taaccgagag	gagtacgcg	gcttcgacag	cgacgtggg	gtgtaccg	cggtgacgcc	120
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gaggagag						248

<210> 2488
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 2488						
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gaggagag						248

<210> 2489
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 2489						
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gcagggcg	cctgttgccg	agtactggaa	cagccagaag	gaagtcctgg	agggggcccg	180
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<210> 2490
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 2490						
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gcagggcg	cctgttgccg	agtactggaa	cagccagaag	gaagtcctgg	agaggacccg	180
ggcggagttg	gacacggtgt	gcagacacaa	ctacgaggtg	gcgttcgcg	ggatcctgca	240
gaggag						246

<210> 2491
 <211> 248
 <212> DNA
 <213> Homo sapiens

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<400> 2491
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<210> 2492
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 2492
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 gcagggggcgg cctgatgccg agtactggaa cagccagaag gaagtcctgg aggggacccg 180
 ggcggagttg gacacggtgt gcagacacaa ctacgaggtg gcgttccgc 229

<210> 2493
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 2493
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 cgggccgcgg tggacaccta ctgcagacac aactacgggg ttggtgagag cttcacagtg 360
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<210> 2494
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2494
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 gggagtaccg ggcggtgacg gagctggggc ggcctgatgc cgagtactgg aacagccaga 180
 aggacctctt ggagcagagg cgggccgcgg tggacaccta ctgcagacac aactacgggg 240
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<210> 2495
<211> 283
<212> DNA
<213> Homo sapiens

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acggagcgagg tgcgggttgc ggaagatgc atctataacc aagaggagtc cgtgcgcttc      120
gacagcgagc tgggggagta ccgggcggtg acggagctgg ggcggcctga tggcagtagc      180
tggaacagcc agaaggacct cctggagcag aggcggggccg cgggtggacac ctattgcaga      240
cacaactacg gggctgtgga gagcttcaca gtgcagcgcc gag                                283

<210> 2496
<211> 246
<212> DNA
<213> Homo sapiens

<400> 2496
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gggagtaccg ggcgggtgac gagctggggc ggcctgatgc cgagtactgg aacagccaga      180
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<210> 2497
<211> 370
<212> DNA
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<400> 2497
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tataaccaag aggagtcctg gcgcttcgac agcgacgtgg gggagtaccg ggcgggtgac      240
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<210> 2498
<211> 283
<212> DNA
<213> Homo sapiens

<400> 2498

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gacagcgacg tgggggagta ccgggcggtg acggagctgg ggcggcctga tggcaggtac    180
tggaacagcc agaaggacct cctggagcag aggcgggccc cggtggacaa ttactgcaga    240
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<210> 2499
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<212> DNA
<213> Homo sapiens

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gggagtaccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga    180
aggacctcct ggagcagagg cgggccgcgg tggacaccta ctgcagacac aactacgggg    240
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<210> 2500
<211> 270
<212> DNA
<213> Homo sapiens

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<400> 2500
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gggagtaccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga    180
aggacctcct ggagcagagg cgggccgcgg tggacaccta ctgcagacac aactacgggg    240
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<210> 2501
<211> 270
<212> DNA
<213> Homo sapiens

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gggagtaccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga    180
aggacctcct ggagcagagg cgggccgcgg tggacaccta ctgcagacac aactacgggg    240
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<210> 2502

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<211> 270
 <212> DNA
 <213> Homo sapiens

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 gggagtaccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga 180
 aggacctctt ggagcagagg cgggccgcgg tggacaccta ctgcagacac aactacgggg 240
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<210> 2503
 <211> 270
 <212> DNA
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<210> 2504
 <211> 270
 <212> DNA
 <213> Homo sapiens

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 ttggtgagag cttcacagtg cagcggcgag 270

<210> 2505
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2505
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 gacagcgacg tgggggagtt cggggcgggt acggagctgg ggcgcctga tgccgagtac 180
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cacaactacg gggttgtgga gagcttcaca gtgcagcggc gag 283

<210> 2506
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 2506
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 gggagttccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga 180
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 ttgtggagag cttcacagtg cagcg 265

<210> 2507
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2507
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 gacagcgacg tgggggagta ccgggcggtg acggagctgg ggcggcctga tgccgagtac 180
 tggaacagcc agaaggacct cctggagcag aagcggggcc ggggtggacaa ctactgcaga 240
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<210> 2508
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2508
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 tggaacagcc agaaggacct cctggagcag aagcggggcc ggggtggacaa ttactgcaga 240
 cacaactacg gggttggtga gagcttcaca gtgcagcggc gag 283

<210> 2509
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 2509
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cagaagcggg gccgggtgga caactactgc agacacaact acgggggtgt ggagagcttc	240
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<210> 2510
 <211> 270
 <212> DNA
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gggagttccg ggcgggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga	180
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<210> 2511
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<210> 2512
 <211> 270
 <212> DNA
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aggacctcct ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg	240
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<210> 2513
 <211> 258
 <212> DNA

<213> Homo sapiens

<400> 2513

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taccgggcgg tgacggagct ggggcgcct gatgccagt actggaacag ccagaaggac    180
ctcttgagc agaagcggg ccgggtggac aactactga gacacaacta cggggtgtgtg    240
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<210> 2514

<211> 283

<212> DNA

<213> Homo sapiens

<400> 2514

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gggggacacca gaccacgttt cttggagtac tctacgtctg agtgtcattt cttcaatggg    60
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gacagcgacg tgggggagtt ccgggcggtg acggagctgg ggcgcctga tgccgagtac    180
tggaacagcc agaaggacct cctggagcag aagcggggcc gggtggaaca ctactgcaga    240
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<210> 2515

<211> 283

<212> DNA

<213> Homo sapiens

<400> 2515

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gggggacacca gaccacgttt cttggagtac tctacgtctg agtgtcattt cttcaatggg    60
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gacagcgacg tgggggagtt ccgggcggtg acggagctgg ggcgcctga tgaggagtac    180
tggaacagcc agaaggacct cctggagcag aagcggggcc gggtggaaca ctactgcaga    240
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<210> 2516

<211> 258

<212> DNA

<213> Homo sapiens

<400> 2516

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cgggcggtga cggagctggg gcgcctgat gccgagtact ggaacagcca gaaggacctc    180
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agcttcacag tgcagcgg                                     258

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<210> 2517
<211> 283
<212> DNA
<213> Homo sapiens

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gacagcgagc tgggggagttt ccgggcgggtg acggagctgg ggcggcctgc tgcggagcac      180
tggaacagcc agaaggacct cctggagcag aagcggggcc ggggtggcaa ctactgcaga      240
cacaactacg gggttgtgga gagcttcaca gtgcagcggc gag                               283

<210> 2518
<211> 269
<212> DNA
<213> Homo sapiens

<400> 2518
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gggagttccg ggcggtagcg gagctggggc ggcctgatgc cgagtactgg aacagccaga      180
aggacctctt ggagcagaag cggggccagg tggacaacta ctgcagacac aactacgggg      240
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<210> 2519
<211> 240
<212> DNA
<213> Homo sapiens

<400> 2519
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cgggcgggtga cggagctggg gcggcctagc gccgagtact ggaacagcca gaagacctc      180
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<210> 2520
<211> 270
<212> DNA
<213> Homo sapiens

<400> 2520
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ggtacctgga cagatacttc cataaccagg aggagaacgt gcgcttcgac agcgacgtgg      120
gggagttccg ggcggtagcg gagctggggc ggcctgatgc cgagtcttgg aacagccaga      180

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aggacctcct ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg 240
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<210> 2521
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2521
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 gggagttccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga 180
 aggacctcct ggagcagaag cggggccggg tggacaccta ctgcagacac aactacgggg 240
 ttgtggagag cttcacagtg cagcggcgag 270

<210> 2522
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 2522
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 aggacctcct ggagcagaag cggggccggg tggacaccta ctgcagacac aactacgggg 240
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<210> 2523
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 2523
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 gggagttctg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga 180
 aggacctcct ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg 240
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<210> 2524
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2524
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aggacctcct ggagcagaag cggggccagg tggacaatta ctgcagacac aactacgggg	240
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<210> 2525
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 <212> DNA
 <213> Homo sapiens

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gggagttccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga	180
aggacctcct ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg	240
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<210> 2526
 <211> 270
 <212> DNA
 <213> Homo sapiens

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gggagttccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga	180
aggacatcct ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg	240
ttgttgagag cttcacagtg cagcggcgag	270

<210> 2527
 <211> 266
 <212> DNA
 <213> Homo sapiens

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gggagttccg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga	180
aggacctcct ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg	240
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<210> 2528
 <211> 267

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<212> DNA
 <213> Homo sapiens

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 gatttcggg cggtgacgga gctggggcgg cctgatgccg agtactggaa cagccagaag 180
 gacctcttgg agcagaagcg gggccgggtg gacaactact gcagacacaa ctacgggggtt 240
 gtggagagct tcacagtgcg gcggcgga 267

<210> 2529
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 2529
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 gttccgggcg gtgacggagc tggggcgccc tgatgccgag tactggaaca gccagaagga 180
 cctcctggag cagaagcggg gccgggtgga caactactgc agacacaact acggggttgt 240
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<210> 2530
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 <212> DNA
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 aggacctctt ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg 240
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<210> 2531
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2531
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<210> 2532
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 <212> DNA
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<400> 2532
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 aggacctctt ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg 240
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<210> 2533
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 2533
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<210> 2534
 <211> 270
 <212> DNA
 <213> Homo sapiens

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<210> 2535
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 <212> DNA
 <213> Homo sapiens

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 gagctggggc ggcctgatgc cgagtactgg aacagccaga aggacatcct ggaagacgag 300
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 cagcggcgag 370

<210> 2536
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2536
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<210> 2537
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2537
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<210> 2538
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 <212> DNA
 <213> Homo sapiens

<400> 2538
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 aaacatgagt gtcatttctt caacgggacg gacggggtgc ggttcctgga cagatacttc 180
 tatcaccaag aggagtacgt gcgcttcgac agcgacgtgg gggagtaccg ggcggtgacg 240

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cagcggcgag	370

<210> 2539
 <211> 282
 <212> DNA
 <213> Homo sapiens

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gacagcgagc tgggggagta cggggcgggtg acggagctgg ggcggcctag cgccgagtac	180
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<210> 2540
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<210> 2541
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<210> 2542
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 <212> DNA
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gggagtagcg ggcggtgacg gagctggggc gccctagcgc cgagtactgg aacagccaga      180
aggacctcct ggagcagagg cgggccgcgg tggacaccta ctgcagacac aactacgggg      240
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<212> DNA
<213> Homo sapiens

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gacagcgacg tgggggagta ccgggcggtg acggagctgg ggcggcctga tgccgagtac      180
tggaacagcc agaaggacct cctggagcag aggcgggccg aggtggacac ctactgcaga      240
cacaactacg gggttgtgga gagcttcaca gtgcagcggc gag                                     283

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<210> 2544
<211> 282
<212> DNA
<213> Homo sapiens

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gacagcgacg tgggggagta ccgggcggtg acggagctgg ggcggcctga tgccgagtac      180
tggaacagcc agaaggacct cctggagcag aggcgggccg aggtggacac ctactgcaga      240
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<210> 2545
<211> 266
<212> DNA
<213> Homo sapiens

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gggagtagcg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga      180
aggacctcct ggagcagaga cgggccgagg tggacaccta ctgcagacac aactacgggg      240
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<210> 2546
<211> 266
<212> DNA
<213> Homo sapiens

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tgagagcttc acagtgcagc ggcgag 266

<210> 2547
<211> 225
<212> DNA
<213> Homo sapiens

<400> 2547
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ggggcgccct agcgccgagt actggaacag ccagaagac ctctggagc agaagcgggc 180
cgcggtggac acctactgca gacacaacta cggggttggg gagag 225

<210> 2548
<211> 266
<212> DNA
<213> Homo sapiens

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cctcctggag cagagggcgg ccgcggtgga cacctactgc agacacaact acggggttgg 240
ggagagcttc acagtgcagc ggcgag 266

<210> 2549
<211> 370
<212> DNA
<213> Homo sapiens

<400> 2549
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tatcaccaag aggagtacgt gcgcttcgac agcgactggg gggagatccg ggcggtgacg 240

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gagctggggc ggcctagcgc cgagtactgg aacagccaga aggacctcct ggagcagagg 300
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<210> 2550
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 2550
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<210> 2551
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 <212> DNA
 <213> Homo sapiens

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 ctggggcggc ctgatgccga gtactggaac agccagaagg acctcctgga gcagaagcgg 180
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 <212> DNA
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 ccaagaggag tacgtgcgct tcgacagcga cgtgggggag taccggggcg tgacggagct 120
 gggggggcct gatgccagat actggaacag ccagaaggac atcctggaag acgagcgggc 180
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<210> 2553
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 2553
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<210> 2554
 <211> 222
 <212> DNA
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<210> 2555
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<400> 2555
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 ccgaggtgga cacctactgc agacacaact acgggggttg t 221

<210> 2556
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 <212> DNA
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<210> 2557
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 <212> DNA
 <213> Homo sapiens

<400> 2557
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tggggcgccc	tgatgccgag	tactggaaca	gccagaagga	cctcctggag	cagaggcggg	180
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<210> 2559
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 <212> DNA
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<400> 2559						
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gcggtgacgg	agctggggcg	gcctgatgcc	gagtactgga	acagccagaa	ggacctcctg	180
gagcagaagc	gggcccggt	ggacacctac	tcgacagaca	actacggggg	tgggtgagagc	240
ttcacagt						249

<210> 2560
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 <212> DNA
 <213> Homo sapiens

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gagcagaagc	gggcccggt	ggacaactac	tcgacagaca	actacggggg	tgtggagagc	240
ttcaca						246

<210> 2561
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2561

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<210> 2562
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 <212> DNA
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aggacctcct	ggagcggagg	cgggccgcgg tggacaccta ctgcagacac aactacgggg 240
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<210> 2563
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cgggcgggtga	cggagctggg	gcggcctgat gccgagtact ggaacagcca gaaggacttc 180
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<210> 2565

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<212> DNA
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<210> 2566
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<212> DNA
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ttggtgagag cttcacagt cagcggcgag 270

<210> 2567
<211> 270
<212> DNA
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ttggtgagag cttcacagt cagcggcgag 270

<210> 2568
<211> 270
<212> DNA
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<210> 2570
 <211> 240
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 2572
 <211> 243
 <212> DNA
 <213> Homo sapiens

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<210> 2573
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 <212> DNA
 <213> Homo sapiens

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<210> 2574
 <211> 270
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 <212> DNA
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<210> 2576
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 <212> DNA
 <213> Homo sapiens

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<210> 2577
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<212> DNA
<213> Homo sapiens

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<210> 2578
<211> 266
<212> DNA
<213> Homo sapiens

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<210> 2579
<211> 266
<212> DNA
<213> Homo sapiens

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<211> 264
<212> DNA
<213> Homo sapiens

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gggagtagcg ggcggtgacg gagctggggc gccctgatgc cgagtactgg aacagccaga      180
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<212> DNA
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<213> Homo sapiens

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<213> Homo sapiens

<400> 2598

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<211> 270

<212> DNA

<213> Homo sapiens

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gggagtaccg ggcggtgacg gagctggggc ggcctgatgc cgagtactgg aacagccaga	180
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<212> DNA

<213> Homo sapiens

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<211> 271

<212> DNA

<213> Homo sapiens

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 <212> DNA
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269

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gacagcgacg tgggggagtt ccgggcggtg acggagctgg ggcggcctga tgaggagtac      180
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<212> DNA
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 <212> DNA
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gggagttccg	ggcggtgacg	gagctggggc	ggcctgatga	ggagtactgg	aacagccaga	180
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gggagttccg	ggcggtgacg	gagctggggc	ggcctgatga	ggagtactgg	aacagccaga	180
aggacttcct	ggaagacagg	cgggccgcgg	tggacaccta	ctgcagacac	aactacgggg	240
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<210> 2661

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<211> 269
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gggagttccg ggcggtgacg gagctggggc gccctgatga ggagtactgg aacagccaga 180
aggacttctt ggaagacagc cggggccgcg tggacaccta ctgcagacac aactacgggg 240
ttggtgagag cttcacagtg cagcggcgga 269

<210> 2662
<211> 283
<212> DNA
<213> Homo sapiens

<400> 2662
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gacagcgacg tgggggagtt ccgggcggtg acggagctgg ggcggcctga tgaggagcac 180
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cacaactacg gggttggtag gagcttcaca gtgcagcggc gag 283

<210> 2663
<211> 270
<212> DNA
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<400> 2663
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aggacttctt ggaagacagc cggggcgtgg tggacaccta ctgcagacac aactacgggg 240
ttggtgagag cttcacagtg cagcggcgag 270

<210> 2664
<211> 259
<212> DNA
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<400> 2664
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cgggcggtga cggagctggg gcggcctgat gaggactact ggaacagcca gaaggacttc 180
ctggaagaca ggcgggcccg ggtggacacc tactgcagac acaactacgg ggttggtag 240

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agcttcacag tgcagcggc 259

<210> 2665
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 <212> DNA
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<210> 2666
 <211> 259
 <212> DNA
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<400> 2666
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 cgggcgggtga cggagctggg gcggcctgat gaggactact ggaacagcca gaaggacttc 180
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<210> 2667
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 <212> DNA
 <213> Homo sapiens

<400> 2667
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 gagtccggg cggtgacgga gctggggcgg cctgatgagg agtactggaa cagccagaag 180
 gacctcttg aagacgagcg ggcgcgggtg gacacctact gcagacacaa ctacgggggt 240
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<210> 2668
 <211> 270
 <212> DNA
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<400> 2668
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aggacttcct ggaagacagg cgggccgcgg tggacaccta ctgcagacac aactacgggg	240
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<210> 2669
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gggagtccg ggcggtgacg gagctggggc gccctgatga ggggtactgg aacagccaga	180
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<210> 2670
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gggagtccg ggcggtgagg gagctggggc gccctgatga ggagtactgg aacagccaga	180
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<210> 2671
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 2671	
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gggagtccg ggcggtgacg gagctggggc gccctgatga ggagtactgg aacagccaga	180
aggacttcct ggaagacagg cgggccgcgg tggacaccta ctgcagacac aactacgggg	240
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 <211> 266
 <212> DNA

<213> Homo sapiens

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 gtaccgggagc gtgacggagc tggggcgcc tgatgaggag tactggaaca gccagaagga 180
 cttcctgaa gacgagcggc ccgcggtgga cacctactgc agacacaact acggggttgt 240
 ggagagcttc acagtgcagc ggcgag 266

<210> 2673
 <211> 270
 <212> DNA
 <213> Homo sapiens

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 ttgtggagag cttcacagtg cagcggcgag 270

<210> 2674
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2674
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<210> 2675
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 <212> DNA
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<400> 2675
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 acgggtgagt gttatttctt caatgggacg gagcgggtgc ggttactgga gagacacttc 180
 cataaccagg aggagctctc gcgcttcgac agcgacgtgg gggagttccg ggcggtgacg 240
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cagcggcgag 370

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<211> 370
<212> DNA
<213> Homo sapiens

<400> 2676
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acgggtgagt gttatttctt caatgggacg gagcgggtgc ggttactgga gagacattc 180
cataaccagg aggagctcct gcgcttcgac agcgacgtgg gggagtccg ggcggtgacg 240
gagctggggc ggcctgtcgc cgagtcctgg aacagccaga aggacatcct ggaagacagg 300
cgggccgcgg tggacaccta ctgcagacac aactacgggg ctgtggagag cttcacagtg 360
cagcggcgag 370

<210> 2677
<211> 270
<212> DNA
<213> Homo sapiens

<400> 2677
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gggagtccg ggcggtgacg gagctggggc ggcctgtcgc cgagtcctgg aacagccaga 180
aggacttctt ggaagacagg cgcgccgcgg tggacaccta ttgcagacac aactacgggg 240
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<210> 2678
<211> 243
<212> DNA
<213> Homo sapiens

<400> 2678
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ttccggcgcg tgacggagct ggggcggcct gtcgccgagt cctggaacag ccagaaggac 180
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gag 243

<210> 2679
<211> 266

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<212> DNA
 <213> Homo sapiens

<400> 2679
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 gggagtccg ggcggtgacg gagctggggc gccctgtcgc cgagctctgg aacagccaga 180
 aggacatcct ggaagacagg cgcgccgcgg tggacaccta ctgcagacac aactacgggg 240
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<210> 2680
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 2680
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 agacacttcc ataaccagga ggagctcctg cgcttcgaca gcgacgtggg ggagtccgg 120
 gcggtgacgg agctggggcg gcctgatgag gagtactgga acagccagaa ggacatcctg 180
 gaagacagcg gcgccgcggg ggacacctat tgcagacaca actacggggc tgttg 235

<210> 2681
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2681
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 gggagtccg ggcggtgacg gagctggggc gccctgtcgc cgagctctgg aacagccaga 180
 aggacatcct ggaagacagg cgcgccgcgg tggacaccta ttgcagacac aactacgggg 240
 ctgtggagag cttcacagtg cagcggcgag 270

<210> 2682
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2682
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 gacagcgacg tgggggagtt ccgggcggtg acggagctgg ggcgcctgt cgccgagttc 180
 tggaaacagc agaagacat cctggaagac aggcgcgcgg cgggtgacac ctattgcaga 240
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<210> 2683
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<212> DNA
<213> Homo sapiens

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gggagttccg ggcggtgacg gagctggggc gccctgtcgc cgagtcctgg aacagccaga      180
aggacatcct gggagacagg cgcgccgcgg tggacaccta ttgcagacac aactacgggg      240
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<210> 2684
<211> 270
<212> DNA
<213> Homo sapiens

<400> 2684
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gggagttccg ggcggtgacg gagctggggc gccctgtcgc cgagtcctgg aacagccaga      180
aggacatcct ggaagacagg cgcgccgcgg tggacaccta ttgcagacac aactacgggg      240
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<210> 2685
<211> 283
<212> DNA
<213> Homo sapiens

<400> 2685
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gacagcgacg tgggggagtt ccgggcggtg acggagctgg ggcggcctga tggcgagtac      180
tggaaacagc agaaggacat cctggaagac gagcgggccg cgggtggacac ctactgcaga      240
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<210> 2686
<211> 270
<212> DNA
<213> Homo sapiens

<400> 2686
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ggttcttggg cagatacttc cataaccagg aggagaacgt gcgcttcgac agcgacgtgg      120
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<210> 2687
 <211> 270
 <212> DNA
 <213> Homo sapiens

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 gggagttccg ggcggtgacg gagctggggc ggcttgatgc cgagtactgg aacagccaga 180
 aggacatcct ggaagacgag cgggccgcgg tggacaccta ttgcagacac aactacgggg 240
 ttgtggagag cttcacagtg cagcggcgag 270

<210> 2688
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2688
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 cacaactacg gggttgggtg gagcttcaca gtgcagcggc gag 283

<210> 2689
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 2689
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 gggagttccg ggcggtgacg gagctggggc ggcttgatgc cgagtactgg aacagccaga 180
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<210> 2690
 <211> 283
 <212> DNA
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<400> 2690

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tggaacagcc agaaggacat cctggaagac aagcgggccg cggtggacac ctactgcaga    240
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<210> 2691
<211> 262
<212> DNA
<213> Homo sapiens

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cgggcggtga cggagctggg gcggcctagc gccgagtact ggaacagcca gaaggacatc    180
ctggaagaca agcggggccg ggtggacacc tactgcagac acaactacg ggttggtgag    240
agcttcacag tgcagcggcg ag                      262

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<210> 2692
<211> 283
<212> DNA
<213> Homo sapiens

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gacagcgacg tgggggagtt ccgggcggtg acggagctgg ggcgccttag cgccgagtac    180
tggaacagcc agaaggacat cctggaagac gagcgggccg cggtggacac ctactgcaga    240
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<210> 2693
<211> 268
<212> DNA
<213> Homo sapiens

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<400> 2693
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<210> 2694

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<211> 228
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<210> 2695
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2695
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<210> 2696
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 2696
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<210> 2697
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 2697
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<210> 2698
<211> 256
<212> DNA
<213> Homo sapiens

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 <213> Homo sapiens

<400> 2731

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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 <211> 269
 <212> DNA
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tgatgccgag	tactggaaca	gccagaagga
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<212> DNA
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<212> DNA
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<212> DNA
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<212> DNA

<213> Homo sapiens

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<210> 2792

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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 <212> DNA
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<400> 2797

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<213> Homo sapiens

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 <211> 255
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 gagctggggc ggcctgacgc tgagtactgg aacagccaga aggacttcct ggaagacagg 300
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<210> 2817
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 2817
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 gcggtgacgg agctggggcg gcctgacgct gagtactgga acagccagaa ggacttcctg 180
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<210> 2818
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 2818
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 cgggcggtag cggagctggg gcggcctgac gctgagtact ggaacagcca gaaggacatc 180
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<210> 2819
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 <212> DNA
 <213> Homo sapiens

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gggagtagcg ggcgggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga      180
aggacatcct ggaagacagg cgcgccgcgg tggacaccta ctgcagacac aactacgggg      240
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<210> 2820
<211> 270
<212> DNA
<213> Homo sapiens

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<400> 2820
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gggagtagcg ggcgggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga      180
aggacttcct ggaagacagg cgcgccgcgg tggacaccta ctgcagacac aactacgggg      240
ttggtgagag cttcacagtg cagcggcgag                                  270

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<210> 2821
<211> 283
<212> DNA
<213> Homo sapiens

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<400> 2821
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gacagcgacg tgggggagta ccgggcgggtg acggagctgg ggcggcctgt cgccgagtcc      180
tggaacagcc agaaggacct cctggagcag aagcggggcc gggtggaaca ttactgcaga      240
cacaactacg gggttggtag gagcttcaca gtgcagcggc gag                                          283

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<210> 2822
<211> 370
<212> DNA
<213> Homo sapiens

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<400> 2822
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aagttctgag gtcatttctt caatgggacg gagcgggtgc ggtacctgga cagatacttc      180
cataaccagg aggagtctct gcgcttcgac agcgacgtgg gggagtagcg ggcgggtgacg      240
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cggggcccggg tggacaatta ctgcagacac aactacgggg ttggtgagag cttcacagtg 360
cagcggcgag 370

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<211> 264
<212> DNA
<213> Homo sapiens

<400> 2823
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gacagcgacg tgggggagta ccgggcggtg acggagctgg ggcggcctgt tgccgagtcc 180
tggaacagcc agaaggacct cctggagcag aagcggggcc ggggtggacaa ttactgcaga 240
cacaactacg gggttggtga gagc 264

<210> 2824
<211> 246
<212> DNA
<213> Homo sapiens

<400> 2824
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gggagtaccg ggcggtgacg gagctggggc ggctgtgcgc cgagtcctgg aacagccaga 180
aggacctcct ggagcagaag cggggccggg tggacaatta ctgcagacac aactacggag 240
ttggtg 246

<210> 2825
<211> 264
<212> DNA
<213> Homo sapiens

<400> 2825
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acggagcggg tgcggtacct ggacagatac ttccataacc aggaggagtt cctgcgcttc 120
gacagcgacg tgggggagta ccgggcggtg acggagctgg ggcggcctgt cgccgagtcc 180
tggaacagcc agaaggacct cctggagcag aagcggggcc ggggtggacaa ttactgcaga 240
cacaactacg gggttggtga gagc 264

<210> 2826
<211> 251
<212> DNA
<213> Homo sapiens

<400> 2826
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ggtagctgga gagatacttc cataaccagg aggagttcct gcgcttcgac agcgacgtgg	120
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aggacctcct ggagcagaag cggggccggg tggacaatta ctgcagacac aactacgggg	240
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<210> 2827
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 2827 cacgtttctc ggagctgcgt aagctctgagt gtcatttctt caatgggacg gagcgggtgc	60
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gggagtagcg ggcggtgacg gagctggggc gccctgtcgc cgaagctctgg aacagccaga	180
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<210> 2828
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 2828 cacgtttctt ggagctgcgt aagctctgagt gtcatttctt caatgggacg gagcgggtgc	60
ggtagctgaa cagatacttc cataaccagg aggagttcct gcgcttcgac agcgacgtgg	120
gggagtagcg ggcggtgacg gagctggggc gccctgtcgc cgaagctctgg aacagccaga	180
aggacctcct ggagcagaag cggggccggg tggacaatta ctgcagacac aactacgggg	240
ttggtgagag cttcacagtg cagcggcg	268

<210> 2829
 <211> 246
 <212> DNA
 <213> Homo sapiens

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gggagtagcg ggcggtgacg gagctggggc gccctgtcgc cgaagctctgg aacagccaga	180
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ttggtg	246

<210> 2830
 <211> 246

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<212> DNA
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<400> 2830
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 gggagtaccg ggcggtgagc gagctggggc ggcctgtatgc cgagtactgg aacagccaga 180
 aggacctctt ggagcagaag cggggccagg tggacaatta ctgcagacac aactacgggg 240
 ttggtg 246

<210> 2831
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 2831
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 ggtacctgga cagatacttc cataaccagg aggagAACgt gcgcttcgac agcgacgtgg 120
 gggagtaccg ggcggtgacg gagctggggc ggcctgtcgc cgagtcttgg aacagccaga 180
 aggacctctt ggagcagaag cggggccggg tggacaatta ctgcagacac aactacgggg 240
 ttggtgagag cttcacagtg cagcgg 266

<210> 2832
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 2832
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 ggttctctgga gagacacttc cataaccagg aggagtacgc gcgcttcgac agcgacgtgg 120
 gggagtaccg ggcggtgacg gagctggggc ggcctgtcgc cgagtcttgg aacagccaga 180
 aggacctctt ggagcagaag cggggccggg tggacaatta ctgcagacac aactacgggg 240
 ttggtgagag cttcacagtg cagcgg 266

<210> 2833
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 2833
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 ggtacctgga cagatacttc cataaccagg aggagttcct gagcttcgac agcgacgtgg 120
 gggagtaccg ggcggtgacg gagctggggc ggcctgtcgc cgagtcttgg aacagccaga 180
 aggacctctt ggagcagaag cggggccggg tggacaatta ctgcagacac aactacgggg 240

ttggtg

246

<210> 2834
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 2834
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 gtgctgagct cccgactggc ttctgctggg gacacccgac cacgtttctt ggagctgctt 120
 aagtctgagt gtcatttctt caatgggacg gagcgggtgc ggttcctgga gagacacttc 180
 cataaccagg aggagtacgc gcgcttcgac agcgacgtgg gggagtaccg ggcggtgagg 240
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 cggggccagg tggacaatta ctgcagacac aactacgggg ttgtggagag cttcacagtg 360
 cagcggcgag 370

<210> 2835
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2835
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 gacagcgacg tgggggagta ccgggcggtg agggagctgg ggcggcctga tgccgagtac 180
 tggaacagcc agaaggacct cctggagcag aagcggggcc aggtggacaa ttactgcaga 240
 cacaactacg gggttggtag gagcttcaca gtgcagcggc gag 283

<210> 2836
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 2836
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 gggagtaccg ggcggtgagg gagctggggc ggcctgatgc cgagtactgg aacagccaga 180
 aggacctcct ggagcagaag cggggccagg tggacaacta ctgcagacac aactacgggg 240
 ttggtg 246

<210> 2837
 <211> 270
 <212> DNA
 <213> Homo sapiens

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<400> 2837
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 gggagtaccg ggcggtgagg gagctggggc gccctgatgc cgagtactgg aacagccaga 180
 aggacctcct ggagcagaag cggggccagg tggacaatta ctgcaggcac aactacgggg 240
 ttggtgagag cttcacagtg cagcggcgag 270

<210> 2838
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2838
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 gggagtaccg ggcggtgagg gagctggggc gccctgatgc ggagtactgg aacagccaga 180
 aggacctcct ggagcagaag cggggccagg tggacaatta ctgcagacac aactacgggg 240
 ttggtgagag cttcacagtg cagcggcgag 270

<210> 2839
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 2839
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 cgggcggtga gggagctggg gcggcctgat gccgagtact ggaacagcca gaaggacctc 180
 ctggagcaga agcggggcca ggtggacaat tactgcagac acaactacgg ggttggtgag 240
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<210> 2840
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 <212> DNA
 <213> Homo sapiens

<400> 2840
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 ggttcctgga gagacacttc cataaccagg aggagtacgc gcgcttcgac agcgacgtgg 120
 gggagtaccg ggcggtgagg gagctggggc gccctgatgc cgagtactgg aacagccaga 180
 aggacctcct ggagcagaag cggggccggg tggacaacta ctgcagacac aactacgggg 240
 ttgtggagag cttcacagtg cagcggcgag 270

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<210> 2841
<211> 261
<212> DNA
<213> Homo sapiens

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gagtaccggg cggtgaggga gctggggcgg cctgatgccg agtactggaa cagccagaag      180
gacctcttgg agcagaagcg gggccagggt gacaattact gcagacacaa ctacgggggt      240
ggtgagagct tcacagtgc g                                     261

<210> 2842
<211> 246
<212> DNA
<213> Homo sapiens

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gggagtaccg ggcggtgagg gagctggggc gccctgatgc cgagtactgg aacagccaga      180
aggacctctt ggagcagaag cggggccagg tggacaatta ctgcagacac aactacgggg      240
ttggtg                                     246

<210> 2843
<211> 242
<212> DNA
<213> Homo sapiens

<400> 2843
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gagagacact tccataacca ggaggagtac gcgcgcttcg acagcgacgt gggggagtac      120
cgggcggtga gggagctggg gcggcctgtc gccgagtact ggaacagcca gaagacctc      180
ctggagcaga agcggggcca ggtggacaat tactgcagac acaactacg gtttggtgag      240
ag                                     242

<210> 2844
<211> 246
<212> DNA
<213> Homo sapiens

<400> 2844
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gggagtaccg ggcggtgagg gagctggggc gccctagcgc cgagtactgg aacagccaga      180

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aggacctcct ggagcagaag cggggccagg tggacaatta ctgcagacac aactacgggg 240
 ttggtg 246

<210> 2845
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 2845
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 aggacctcct ggagcagaag cggggccagg tggacaatta ctgcagacac aactacgggg 240
 ttggtgagag cttcaca 257

<210> 2846
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2846
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 acggagcggg tgcggttctt ggagagacac ttccataacc aggaggagta cgcgcgcttc 120
 gagacgcgac tgggggagta ccgggcggtg acggagctgg ggcggcctga tgccgagtac 180
 tggaacagcc agaaggacct cctggagcag aagcggggcc aggtggacaa ttactgcaga 240
 cacaactacg gggttggtga gagcttcaca gtgcagcggc gag 283

<210> 2847
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2847
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<210> 2848
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2848
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ttggtgagag	cttcacagtg	cagcggcgag				270

<210> 2849
 <211> 270
 <212> DNA
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<210> 2850
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 <212> DNA
 <213> Homo sapiens

<400> 2850						
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<210> 2851
 <211> 270
 <212> DNA
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<210> 2852
 <211> 270

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<212> DNA
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 gggagtaccg ggcggtgagg gagctggggc gccctgtcgc ggagcactgg aacagccaga 180
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 ttggtgagag cttcacagtg cagcggcgag 270

<210> 2853
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2853
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 ttggtgagag cttcacagtg cagcggcgag 270

<210> 2854
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2854
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 cacaactacg gggttgtgga gagcttcaca gtgcagcggc gag 283

<210> 2855
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2855
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<210> 2856
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 2856
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 gggagtagcg ggcggtgacg gagctggggc gccctgtcgc cgagtcctgg aacagccaga 180
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 ttgtgg 246

<210> 2857
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<400> 2857
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 gtaccgggcy gtgacggagc tggggcggcc tgtcgccgag tcctggaaca gccagaagga 180
 cctcctggag cagaagcggg gccgggtgga caattactgc agacacaact acggggttgg 240
 tgagagcttc aca 253

<210> 2858
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 2858
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 aagtgtgagt gtcatttctt caatgggacg gagcgagtgt ggaacctgat cagatacatc 180
 tataaccaag aggagtacgc gcgtacaac agtgacctgg gggagtacca ggcggtgacg 240
 gagctggggc gccctgacgc tgagtactgg aacagccaga aggacctctt ggagcggagg 300
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<210> 2859
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 <212> DNA
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<400> 2859
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aacagccaga aggacctcct ggagcgagg cgggccgagg tgggcaccta ctgcagatac 180
aactacgggg ttgtggagag cttcacagtg cagcggcgag 220

<210> 2860
<211> 283
<212> DNA
<213> Homo sapiens

<400> 2860
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acggagcgag tgtggaacct gatcagatac atctataacc aagaggagta cgcgcgctac 120
aacagtgacc tgggggagta ccaggcggtg acggagctgg gccggcctga cgctgagtac 180
tggaacagcc agaaggacct cctggagcgg aggcgggccg aggtggacac ctactgcaga 240
tacaactacg gggttgtgga gagcttcaca gtgcagcggc gag 283

<210> 2861
<211> 370
<212> DNA
<213> Homo sapiens

<400> 2861
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aagtgtgagt gtcatttcct caatgggacg gagcgagtgt ggaacctgat cagatacatc 180
tataaccaag aggagtacgc gcgctacaac agtgacctgg gggagtacca ggcggtgacg 240
gagctggggc gccctgacgc tgagtactgg aacagccaga aggacctcct ggagcggagg 300
cgggccgagg tggacaccta ttgcagatac aactacgggg ttgtggagag cttcacagtg 360
cagcggcgag 370

<210> 2862
<211> 270
<212> DNA
<213> Homo sapiens

<400> 2862
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gggagtacca ggcggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga 180
aggacctcct ggagcggagg cgggccgagg tggacaccta ctgcagatac aactacgggg 240
ttgtggagag cttcacagtg cagcggcgag 270

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<210> 2863
<211> 270
<212> DNA
<213> Homo sapiens

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gggagtacca ggcggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga      180
aggacctctt ggagcggagg cgggccgagg tggacaacta ctgcagatac aactacgggg      240
ttgtggagag cttcacagtg cagcggcgag                                     270

<210> 2864
<211> 242
<212> DNA
<213> Homo sapiens

<400> 2864
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caggcggtga cggagctggg gcggcctgac gctgagtact ggaacagcca gaaggacctc      180
ctggagcggg ggcggggccg ggtggacacc tactgcagac acaactacgg ggttgtggag      240
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<210> 2865
<211> 270
<212> DNA
<213> Homo sapiens

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gggagtacca ggcggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga      180
aggacctctt ggagcggagg cgggccgagg tggacaccta ctgcagatac aactacgggg      240
ttgtggagag cttcacagtg cagcggcgag                                     270

<210> 2866
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<212> DNA
<213> Homo sapiens

<400> 2866
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<210> 2867
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 <212> DNA
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tttggtggg	gacaccggac
cacgtttctt	gcagcaggat
120	
aagtatgagt	gtcatttctt
caacgggacg	gagcgggtgc
ggttcctgca	cagagacatc
180	
tataaccaag	aggaggactt
gcgcttcgac	agcgacgtgg
gggagtaccg	ggcggtagac
240	
gagctggggc	ggcctgacgc
tgagtactgg	aacagccaga
aggacttctc	ggaagacagg
300	
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ctgcagacac	aactacgggg
ttggtgagag	cttcacagtg
360	
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370	

<210> 2868
 <211> 257
 <212> DNA
 <213> Homo sapiens

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caacgggacg	gagcgggtgc
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tataaccaag	aggaggactt
gcgcttcgac	agcgacgtgg
120	
gggagtaccg	ggcggtagac
gagctggggc	ggcctgacgc
tgagtactgg	aacagccaga
180	
aggacttctc	ggaagacagg
cgggccgcgg	tggacaccta
ctgcagacac	aactacgggg
240	
ttggtgagag	cttcaca
257	

<210> 2869
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 2869	
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cttcgacgag	gataagtatg
agtgatcattt	cttcaacggg
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acggagcggg	tgcggttcct
gcacagaggc	atctataacc
aagaggagaa	cgtgcgcttc
120	
gacagcgacg	tgggggagta
ccgggcggtg	acggagctgg
ggcggcctga	cgctgagtac
180	
tggaacagcc	agaaggactt
cctggaagac	aggcgcgccg
cggtggacac	ctactgcaga
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gagcttcaca	gtgcagcggc
gag	
283	

<210> 2870

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<211> 250
<212> DNA
<213> Homo sapiens

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cacagaggca tctataacca agaggagaac gtgcgcttcg acagcgacgt gggggagtac 120
cgggcggtga cggagctggg gcggcctgac gctgagtact ggaacagcca gaaggacttc 180
ctggaagaca cgcgcgccgc ggtggacacc tactgcagac acaactacgg gttgtgtgag 240
agcttcacag 250

<210> 2871
<211> 283
<212> DNA
<213> Homo sapiens

<400> 2871
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acggagcggg tgcggttctt gcacagagac atctataacc aagaggagga cttgcgcttc 120
gacagcgacg tgggggagta ccgggcggtg acggagctgg ggcggcctga cgctgagtac 180
tggaacagcc agaaggactt cctggaagac aggcgggccc tgggtgacac ctactgcaga 240
cacaactacg gggttggtga gagcttcaca gtgcagcggc gag 283

<210> 2872
<211> 267
<212> DNA
<213> Homo sapiens

<400> 2872
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cggttcctgc acagagacat ctataacca gaggaggacg tgcgcttcga cagcgacgtg 120
ggggagtacc gggcggtgac ggagctgggg cggcctgacg ctgagtactg gaacagccag 180
aaggacttcc tggaagacag gcgcgcgcgc gtggacacct actgcagaca caactacggg 240
gttgggtgaga gcttcacagt gcagcgg 267

<210> 2873
<211> 269
<212> DNA
<213> Homo sapiens

<400> 2873
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ggttcctgca cagagacatc tataaccaag aggaggactt gcgcttcgac agcgacgtgg 120
gggagtaccg ggcggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga 180
aggacatcct ggagcaggcg cgggccgcgc tggacaccta ctgcagacac aactacgggg 240

ctgtggagag cttcacagtg cagcggcga 269

<210> 2874
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 2874
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 gggagtaccg ggcggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga 180
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 ttggtg 246

<210> 2875
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 <212> DNA
 <213> Homo sapiens

<400> 2875
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 ttggtg 246

<210> 2876
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 2876
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 gggagtaccg ggcggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga 180
 aggacttcct ggaagacagg cgcgccgcgg tggacaccta ctgcacacaa ctacgggggtt 240
 ggtgagagct tcacagtgcg gcggcgag 268

<210> 2877
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 <212> DNA
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<400> 2877
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aggacatcct ggagcaggcg cgggccgcgg tggacaccta ctgcagacac aactacgggg	240
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aggacttctt ggagcggagg cgggccgagg tggacaccgt gtgcagacac aactacgggg	240
ttggtgagag cttcacagtg cagcggcgag	270

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 <211> 370
 <212> DNA
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aagtatgagt gtcatttctt caacgggacg gagcgggtgc ggttcctgca cagaggcatc	180
tataaccaag aggagaacct gcgcttcgac agcgacgtgg gggagtaccg ggcggtgacg	240
gagctggggc gccctgacgc tgagtactgg aacagccaga aggacatcct ggagcaggcg	300
cgggccgcgg tggacaccta ctgcagacac aactacgggg ctgtggagag cttcacagtg	360
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gtaccgggcg gtgacggagc tggggcgccc tgacgctgag tactggaaca gccagaagga	180
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gggagtaccg ggcggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga      180
aggacttcct ggagcaggcg cgggccgcgg tggacaccta ctgcagacac aactacgggg      240
ctgtggagag cttcaca                                         257

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gggagtaccg ggcggtgacg gagctggggc gccctgacgc tgagtactgg aacagccaga      180
aggacctcct ggagcagagg cgggccgcgg tggacaccta ctgcagacac aactacgggg      240
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<211> 17
<212> DNA
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<210> 2886

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<210> 2900

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<212> DNA

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<212> DNA

<213> Homo sapiens

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